

# Lessons Learned building IBM i Mobile Applications

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# Some of the Lessons Learned building IBM i Mobile Applications

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# Lesson

## Make up your mind!



# IBM i Mobile Applications



- Emulator
- App?
  
- New apps
- Existing green screen programs



# Emulator?



next cursor: 20-7 enter

```
MAIN OS/400 Ma
Select one of the following:
  1. User tasks
  2. Office tasks
  3. General system tasks
  4. Files, libraries, and folders
  5. Programming
  6. Communications
  7. Define or change the system
  8. Problem handling
  9. Display a menu
 10. Information Assistant options
 11. iSeries Access tasks
 90. Sign off
Selection or command
===>
```

F3=Exit F4=Prompt F9=Retrieve F12=
F23=Set initial menu

Q W E R T Y U I O P
A S D F G H J K L
↑ Z X C V B N M ⊞
123 🎤 space Done

next cursor: 20-7 enter

```
MAIN 0
Select one of the following:
  1. User tasks
  2. Office tasks
  3. General system tasks
  4. Files, libraries, and fo
  5. Programming
  6. Communications
  7. Define or change the sys
  8. Problem handling
  9. Display a menu
 10. Information Assistant op
 11. iSeries Access tasks
 90. Sign off
Selection or command
===>
```

F3=Exit F4=Prompt F9=Retriev
F23=Set initial menu
(C) COPYRIGHT IBM CORP. 1980, 20

0 1 2 3 4 5 6
7 8 9 . , - +
F+ F- del ins enter done

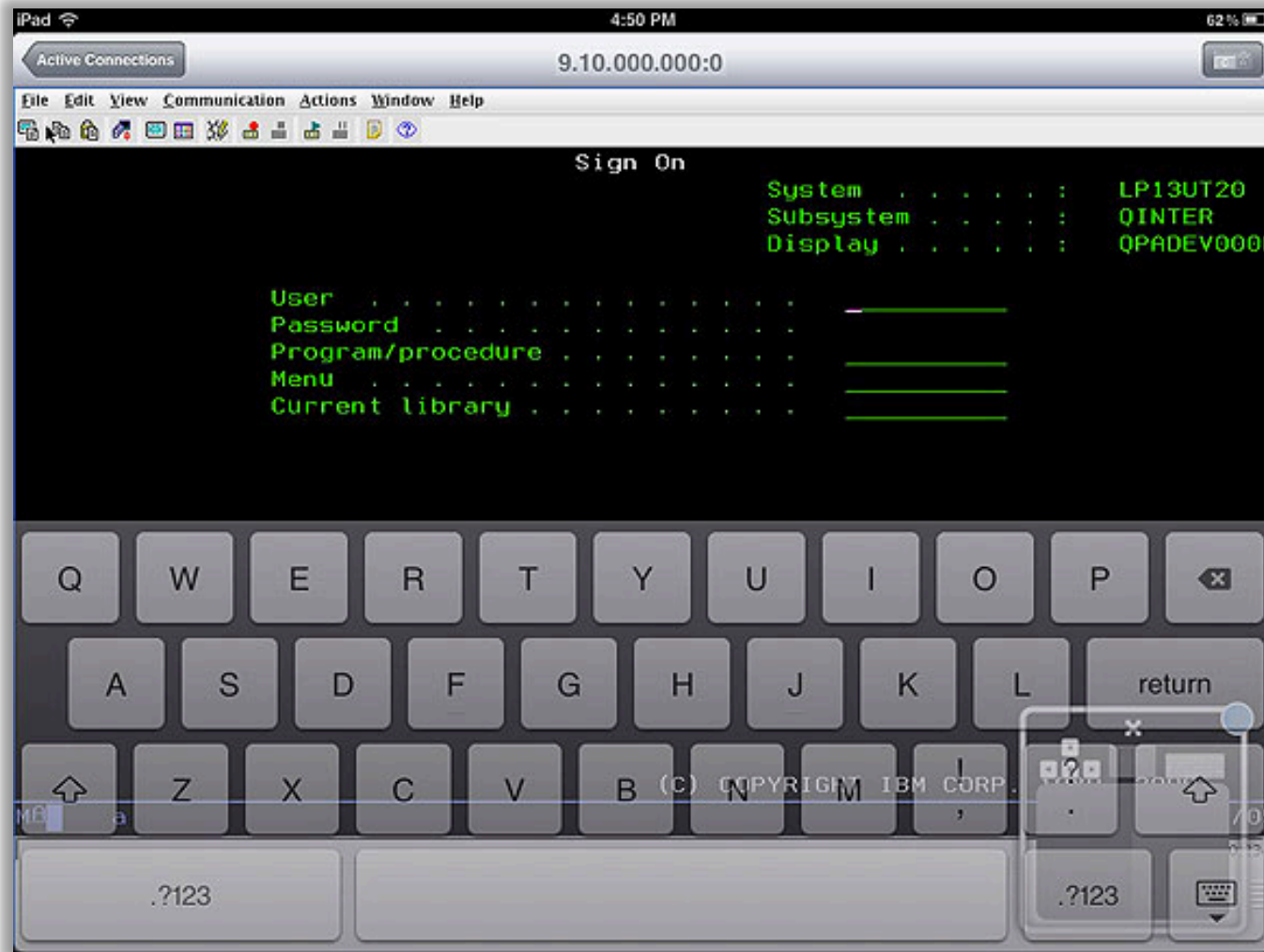
next cursor: 20-7 enter

```
MAIN
Select one of the followin
  1. User tasks
  2. Office tasks
  3. General system tas
  4. Files, libraries,
  5. Programming
  6. Communications
  7. Define or change t
  8. Problem handling
  9. Display a menu
 10. Information Assist
 11. iSeries Access tas
 90. Sign off
Selection or command
===>
```

F3=Exit F4=Prompt F9=
F23=Set initial menu
(C) COPYRIGHT IBM CORP. 19

abc fxx menu 123 <> zoom

# Emulator?



# App?



# New apps



**Harmonics Wholesale**

## Customer Orders

[+ Add order](#)

**Contact Info** | Shipping | Invoices

Number: 4015      Phone: (250) 555-1766  
Name: PARTS PLUS      Address: #101- 9724 4TH ST.  
Sales Rep: JOHN DOE      City: VICTORIA State: BC

Order No:       Date:       [Filter](#)

Order No	Order Date	Description
35832	12/01/2012	\$12011 W
35834	12/01/2012	\$12011 W
35835	12/01/2012	\$12011 W
35831	11/09/2012	\$12011 W
35821	11/06/2012	\$12011 W
35822	11/06/2012	\$12011 W

Page 1 | 2 | 3 | 4 | 5

**Customer Order Details**

Order Number: 35834      Customer: Up Temp Distributors      Sales Rep: John Smith      Total: \$14,850.12  
Order Date: 2012/12/01      Contact: John Smith      Billing To: Replacement parts

Item	Description	Price	Quantity	Total
3-116	Amplifier system	\$5.00	500	24,500.00
A-01	Warm Guitar	\$200.00	5	10,000.00
100 sub-pak		1.00	200	200.00

[+ Add order](#)

Yes No  
Save Day Express Standard  
  
[Save](#) [Cancel](#)

**Customer**

- Music by the Numbers
- Up Temp Distributors
- DER Music
- Maritime Music
- Stringin' Strings
- Can't Country
- The Rock Studio
- The Watch Connection


# Green screen applications



iPad VPN 3:48 PM 65%

Company: BT Location: COR {All Locs}

## Category/Class



Category/Class	Description	Available
100-0100	TANK 21K GAL OPEN TOP	
100-0200	TANK 21K GAL OPEN TOP LINED	
100-0500	TANK 21K GAL OPEN TOP COILS	
100-0700	TANK 21K GAL OPEN ACCESS	
100-1000	TANK 21K GAL CLOSED TOP	
100-1500	TANK 21K GAL CLOSED TOP COILS	
100-2000	TANK 21K GAL SAFE TOP	
100-2010	TANK 21K GAL SAFE TOP SHORT	
100-2500	TANK 21K GAL SAFE TOP COILS	
100-2510	TANK 21K GAL SAFE TOP COILS SHOR	
100-3000	TANK 21K GAL EZ ACCESS	10
100-3010	TANK 21K GAL EZ ACCESS SHORT	4

**A** Availability

**M** Make/Model

**R** Rating/Contents

All Locs Region Single Previous THINKcorp Next Back New Settings Home

# Mobile Device Application



- Native
- Browser





# Mobile Device Application



- Native
  - One version for every mobile OS
- Browser
  - One version for every mobile browser
    - HTML5
    - CSS3
    - Javascript
- Hybrid?

# Lesson

**You better have  
a bunch of  
mobile devices**





# Devices



# Lesson

## Become a user...



# Use these!



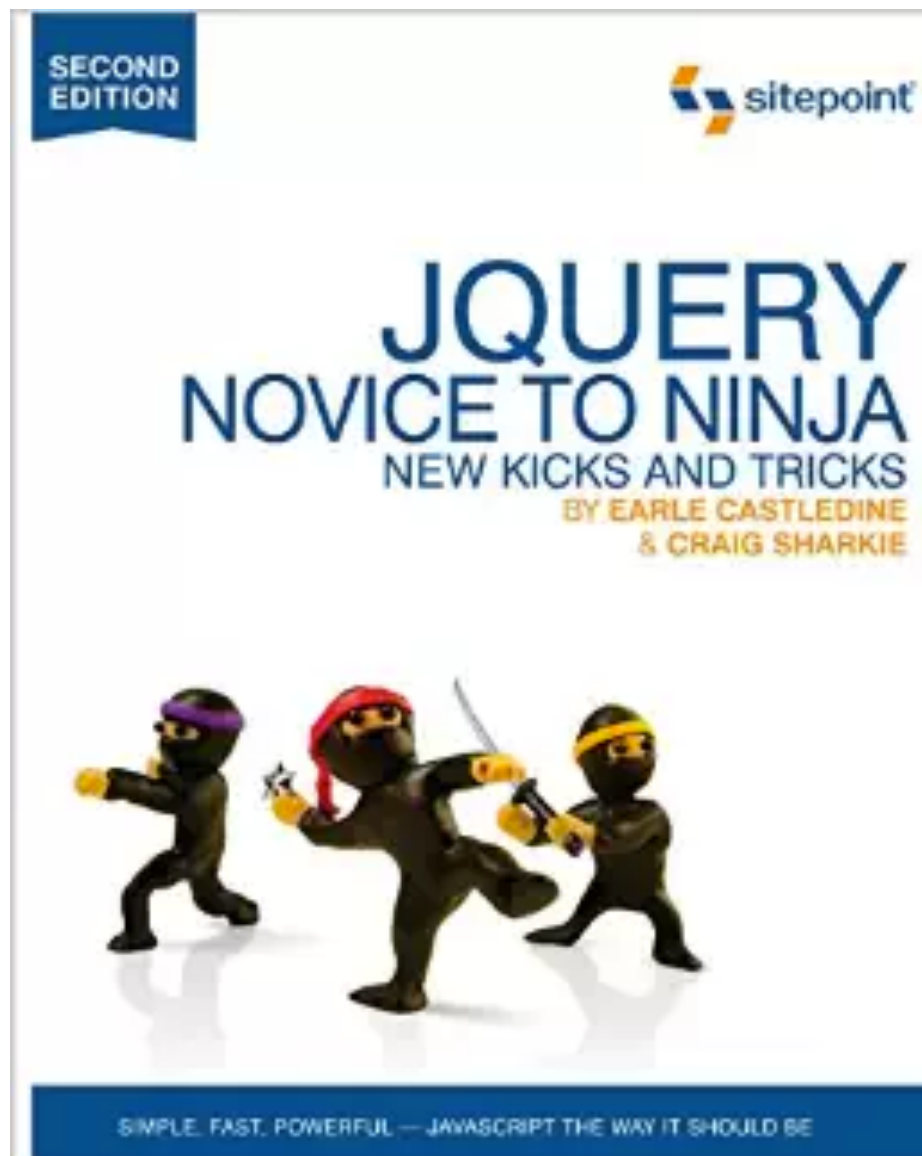
Lesson

**Read some books!**





sitepoint



# Lesson

**Read some books!**

**ok...**

**Watch some  
videos!**



# sitepoint



sitepoint premium

My Dashboard

Paths

Library

Screencasts



Search...



## Jump Start Foundation

Your guide to the first front-end framework which top developers are using for a mobile-first approach to building websites.

Syed Fazole Rahman

Joe Hewitson



Topics:

- All
- HTML & CSS
- JavaScript
- PHP
- Ruby
- Design & UX
- Mobile**
- Workflow

Types:

Books

Understanding Android's Ecosystem Through its History  
Chris Ward  
05:35

How To Use The Singleton Pattern in Swift  
Brett Romero  
08:11

Exploring the Xcode Interface  
Brett Romero  
07:06

Exploring Android Differences  
Chris Ward  
05:35

Swift Classes  
Brett Romero  
05:50

Populating a Table with Data  
Brett Romero  
07:05

Support

# sitepoint



sitepoint premium

My Dashboard

Paths

Library

Screencasts



Search...



## Exploring Android Differences

With Chris Ward  
@chrischinch



## Exploring Android Differences



Chris Ward

Android Operating Systems, confusing you? Not anymore.

Support



Duration:  
6:25



Release date:  
August 2015



Closed captions  
available



Beginner



# lynda.com



lynda.com<sup>®</sup>  
A LINKEDIN COMPANY

Give a gift Hi, Trevor

Browse the library Find courses, authors, and more... Search My courses

Watching: **Planning your mobile app development**  
From: Mobile Marketing Fundamentals with Michael Becker

+ Playlist Share View Offline Take a tour

## Planning for Your App

- User experience
- User tasks
- Consistent experience
- Clear navigation
- Clear calls to action

Illustration by Richard Downes

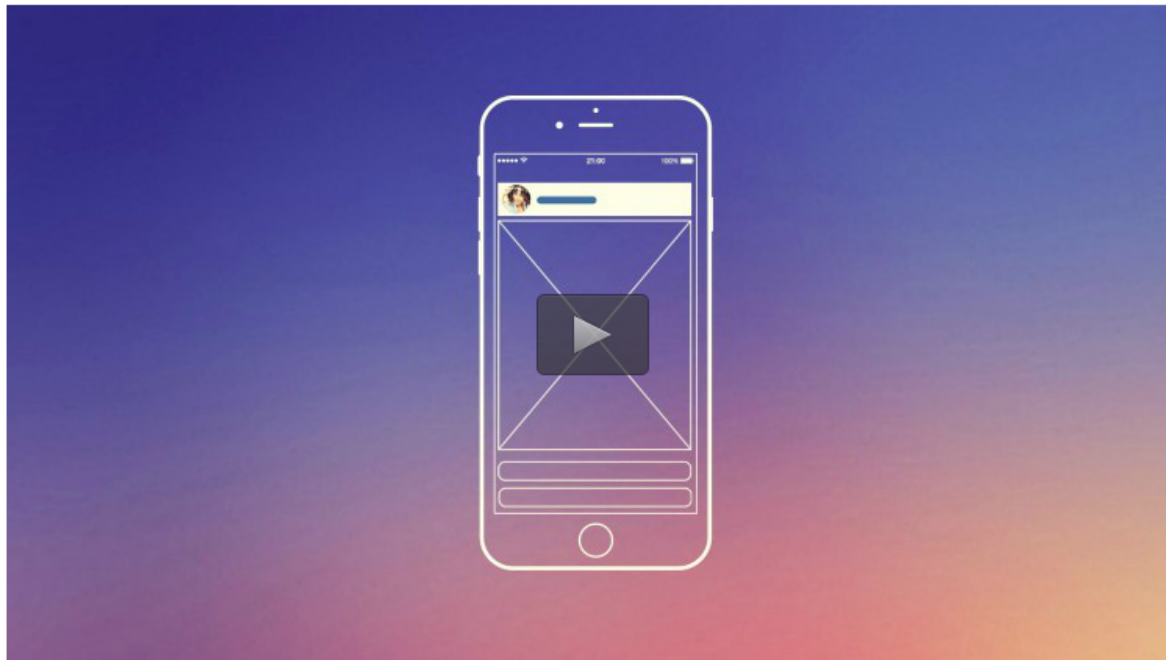


## Mobile App Design from Scratch: Design Principles, and UX

A step by step guide to learn how to design a great mobile app.

★★★★★ 146 ratings, 16118 students enrolled

Instructed by [Maxime Cormier](#) Development / Mobile Apps



Preview this course

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Lectures	<b>30</b>
Video	<b>8 Hours</b>
Skill level	<b>All level</b>
Languages	<b>English , captions</b>
Includes	<b>Lifetime access</b> <b>30 day money back guarantee!</b> <b>Available on iOS and Android</b> <b>Certificate of Completion</b>

♥ Wishlist



← Library

Help

Sign In

Free Trial

Course

## Mobile App Design for iOS

Learn the basics of designing a mobile app, from initial idea, wireframes to user interface design. You will create the design for a diary app while learning how to write an application design specification, user experience, right through to creating assets for development. The project will focus on the iOS platform, however you learn some tips and tricks on adapting the design for platforms like Android and Windows.



Design

Beginner

Start Course

0

270

### 5 Achievements



#### Introduction to UI Design

Learn what user interface design entails, what we're going to design, and some understanding of development languages used to build our app. Discover the tools that are used to create a user interface. Finally, learn about the nuances of designing for Apple's iOS platform.

### Instructor

**Sarah Parmenter**

Sarah Parmenter is a multi-disciplinary designer. She has a

client list that includes Blackberry, News International, and STV and specialises in UI design for iOS.

Sarah is the owner of You Know



Lesson

# Take advice





## HTML/CSS

- Learn HTML
- Learn CSS
- Learn W3.CSS
- Learn Bootstrap

## JavaScript

- Learn JavaScript
- Learn jQuery
- Learn jQueryMobile
- Learn AppML
- Learn AngularJS
- Learn AJAX
- Learn JSON

## HTML Graphics

- Learn Canvas
- Learn SVG
- Learn Icons
- Learn Google Maps

## Server Side

- Learn SQL
- Learn PHP
- Learn ASP
- Learn ASP.NET

## Web Building

- Web Building
- Web Statistics
- Web Certificates

## XML Tutorials

- Learn XML
- Learn Schema
- Learn XML DOM
- Learn XSLT
- Learn WSDL

# HTML

The language for building web pages.

[LEARN HTML](#)

[HTML REFERENCE](#)

### HTML Example:

```
<!DOCTYPE html>
<html>
<title>HTML Tutorial</title>
<body>

<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

[Try it Yourself](#)

### CSS Example:

```
body {
  background-color: #d0e4fe;
}
h1 {
  color: orange;
  text-align: center;
}
p {
  font-family: "Times New Roman";
  font-size: 20px;
}
```

[Try it Yourself](#)

# CSS

The language for styling web pages.

[LEARN CSS](#)

[CSS REFERENCE](#)

# JavaScript

The language for programming web pages.

[LEARN JAVASCRIPT](#)

[JAVASCRIPT REFERENCE](#)

### JavaScript Example:

```
<script>
function myFunction() {
  var x = document.getElementById("demo");
  x.style.fontSize = "25px";
  x.style.color = "red";
}
</script>

<button onclick="myFunction()">Click Me!</button>
```

[Try it Yourself](#)

# 16 killer design tips for creating mobile apps



- <http://www.creativebloq.com/app-design/16-killer-design-tips-creating-mobile-apps-11513821>

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APP DESIGN | FEATURE

## 16 killer design tips for creating mobile apps

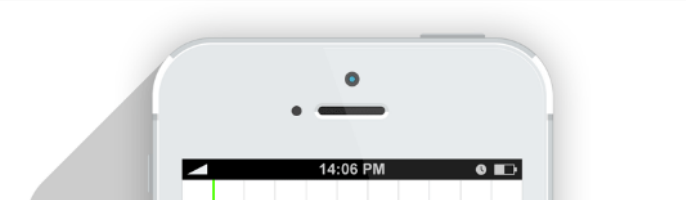
Jan 8, 2015 10:00 am

422 889 162


>6 Comments

Tweet Like G+

Valerie Lisynsky of SWARM explains what you need to know about creating mobile apps.



OUR GREAT MAGS



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"Eat your vegetables! ...and get a CRM!"

#1 Online Customer Relationship Management for Small and Growing Businesses

GET PAID MORE

Be more successful with Computer Arts' new Money Special







Jan 8, 2015 10:00 am

>6 Comments

422

889

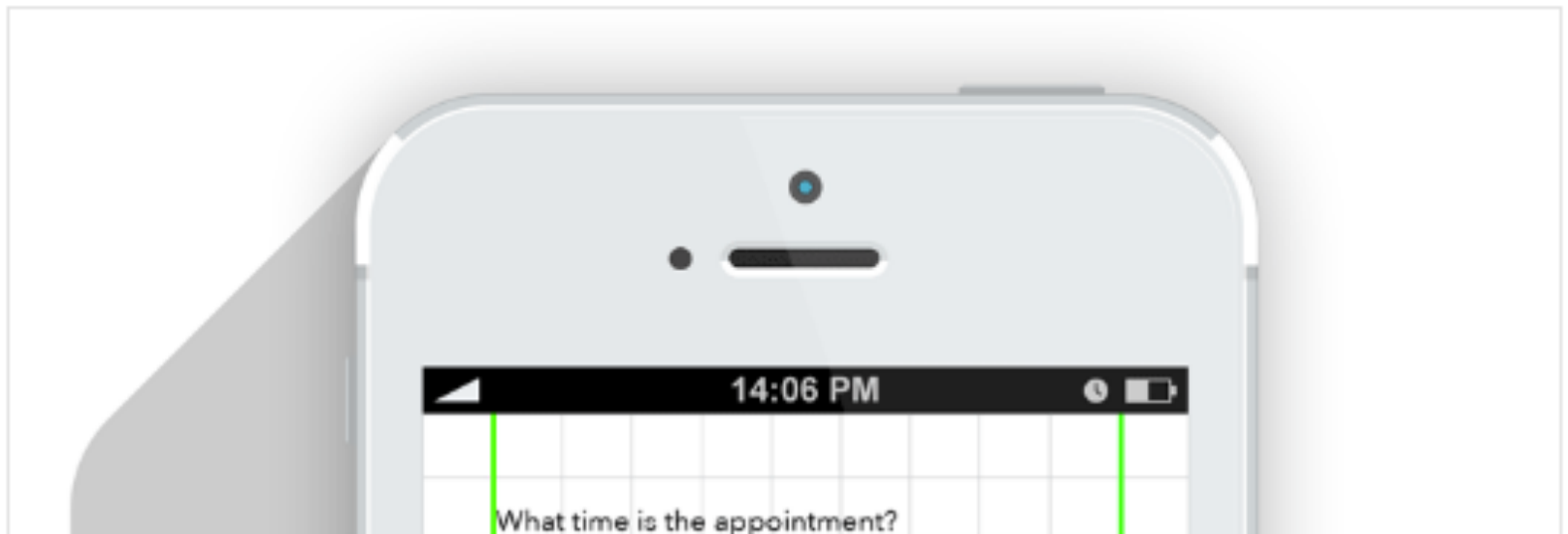
162

Tweet

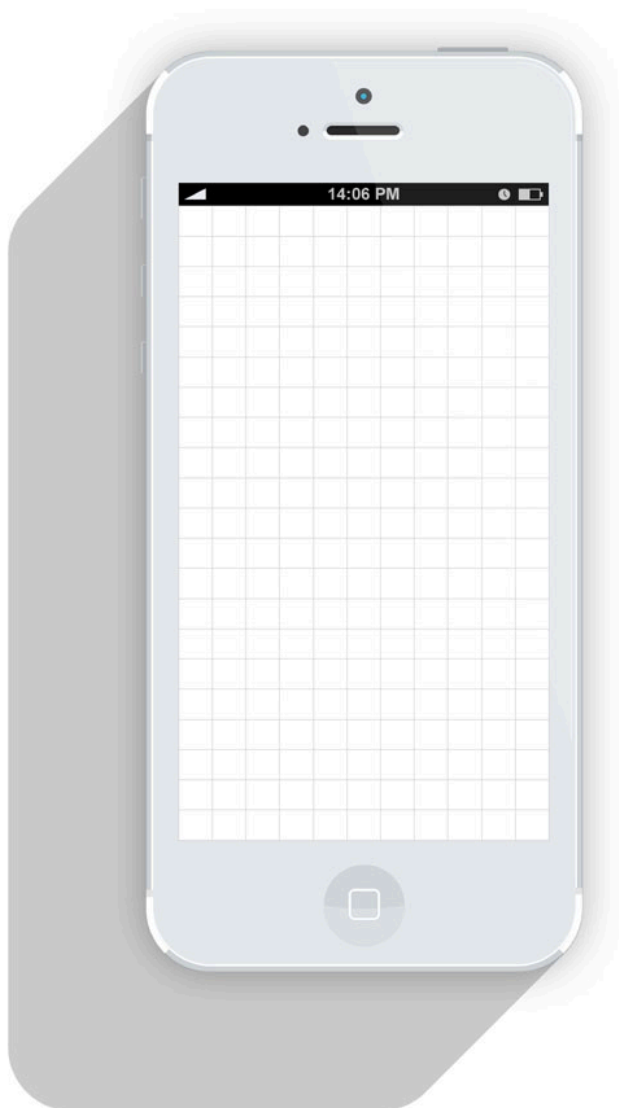
Like

g+1

Valerie Lisiansky of SWARM explains what you need to know about creating mobile apps.

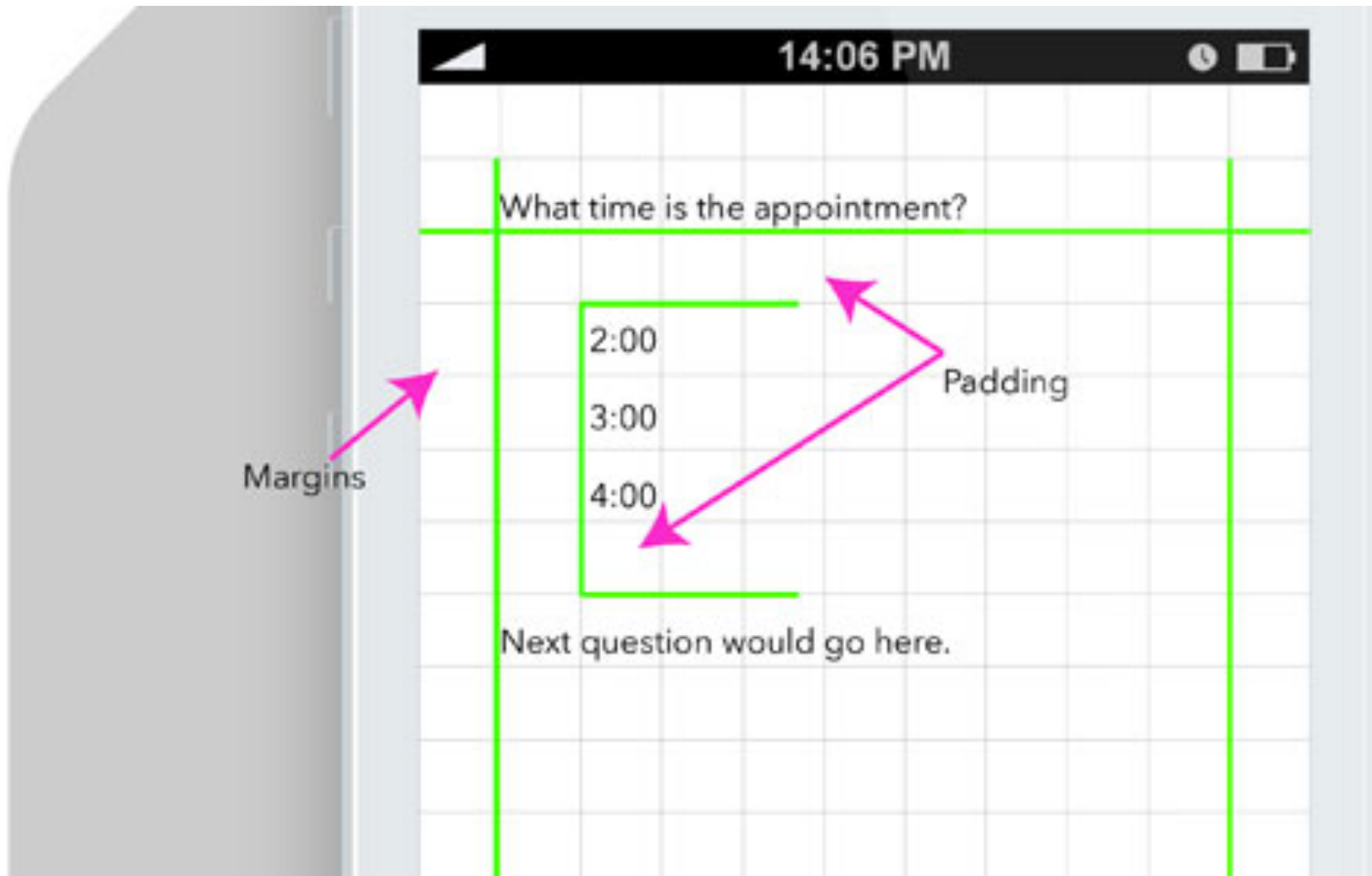


# 01. Everything exists on a grid

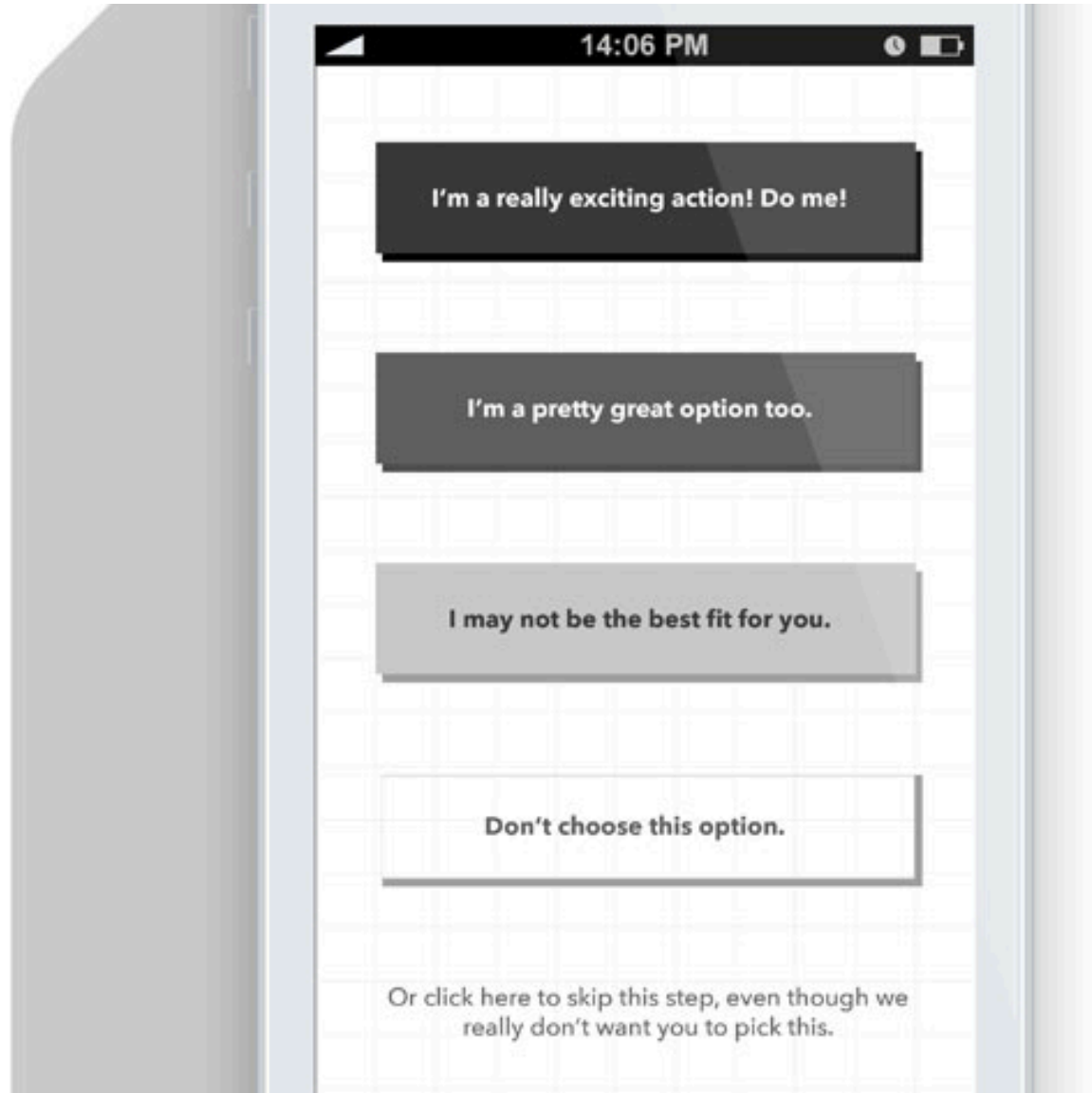




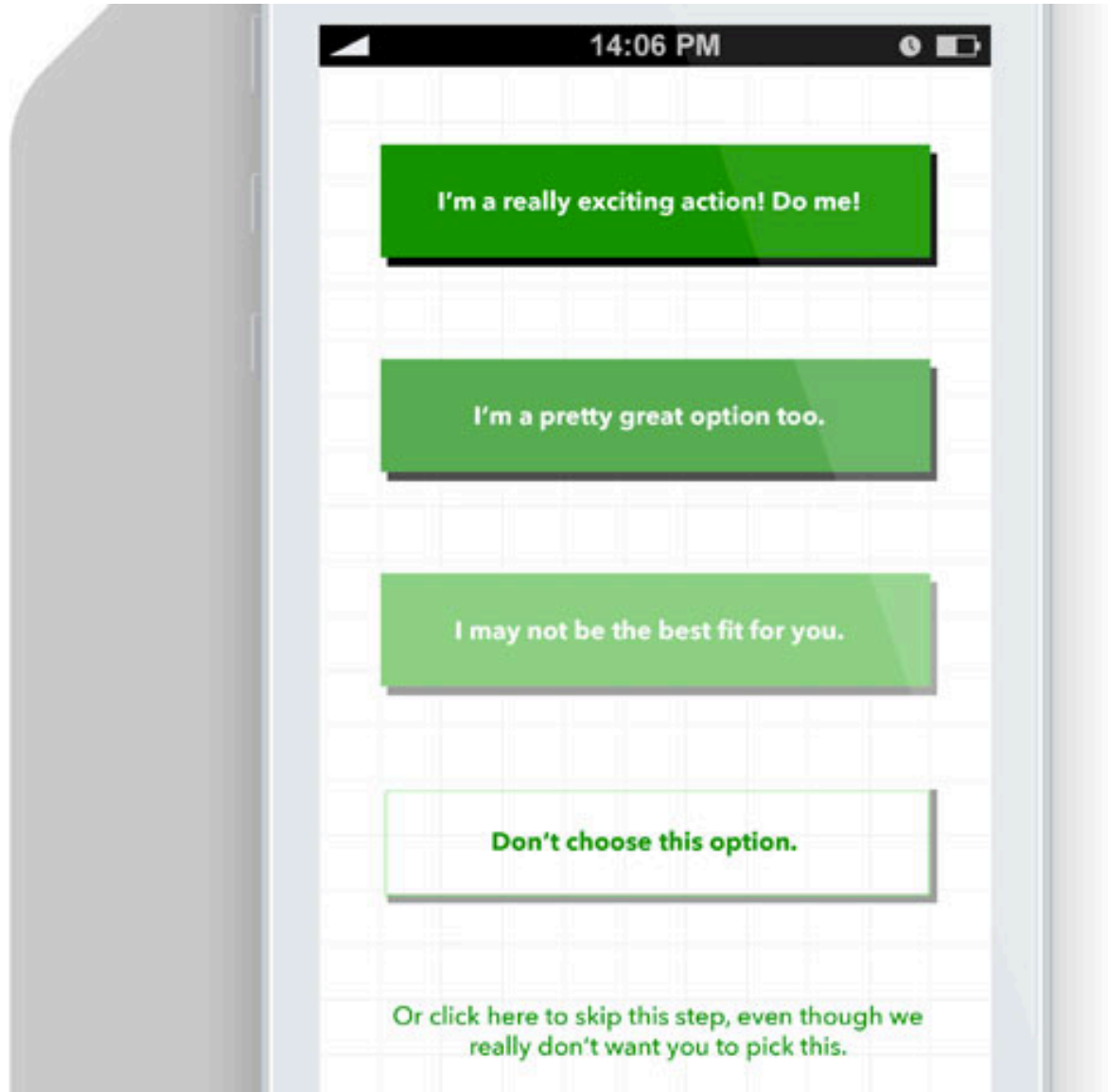
## 02. Every element defines the spacing



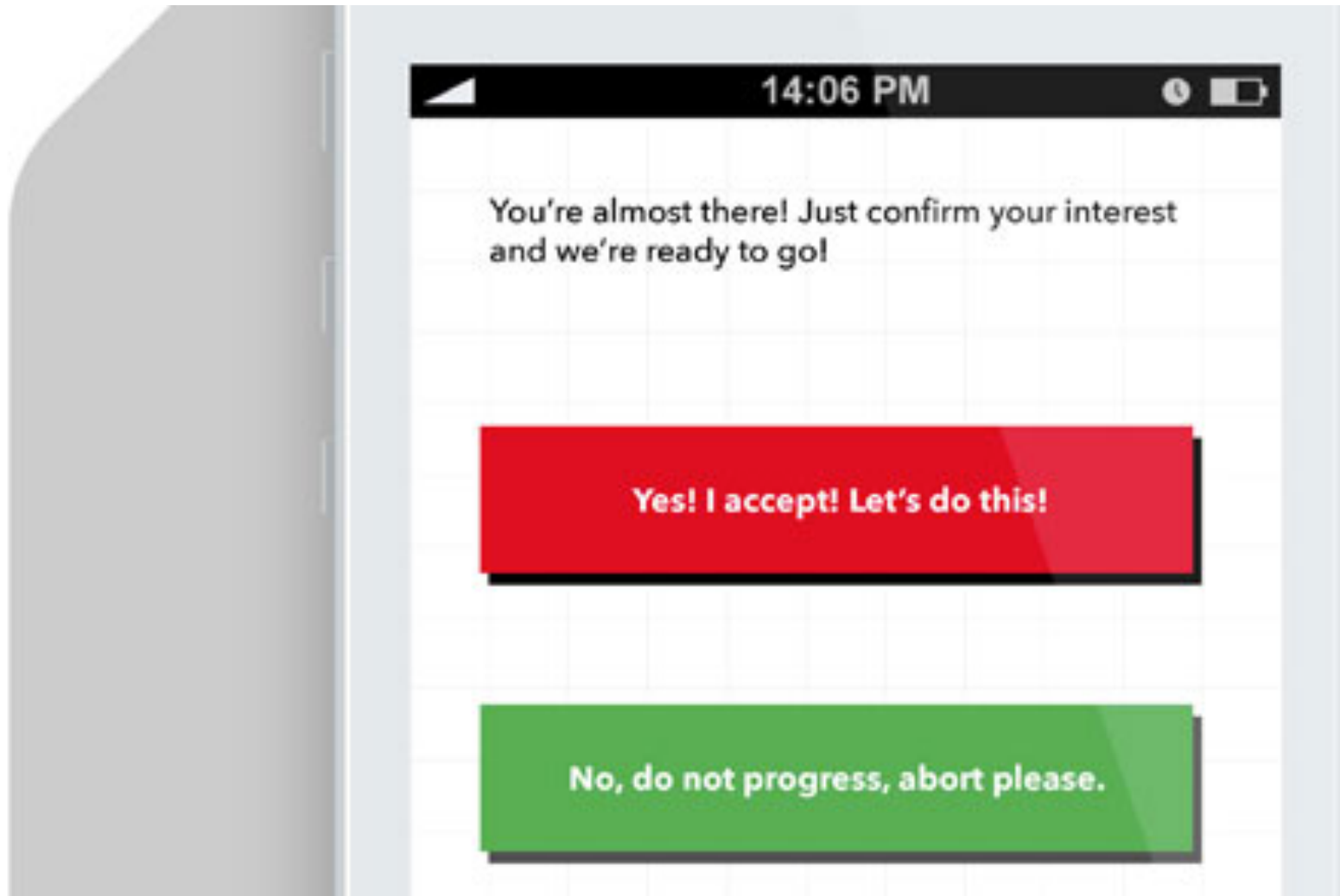
# 03. Colour creates hierarchy



# 03. Colour creates hierarchy



## 03. Colour creates hierarchy



## 04. Colour is not about you liking it, it's about the brand



- Brand is focused on the emotional relationship you consumers or customers have with your service or product.
- Colour helps define that relationship in subtle yet effective ways.
- You don't have to like your colours for them to be effective.

# 05. Pink is not a shade of red



- Colour 101: Hue is the base colour, like red, blue, green, etc.
- If white is added to a colour, it is a tint of that colour, if black is added, it is a shade of that colour.
- Thus when describing the colour of something it may have a red hue and be a shade or a tint but not both at the same time.

## 06. Logos add style but they don't make or break



- A brand makes the client as much as the client makes the brand. A logo isn't going to make you a great business: but a poorly executed and thought out logo will reflect poorly on your business.

## 07. The page title



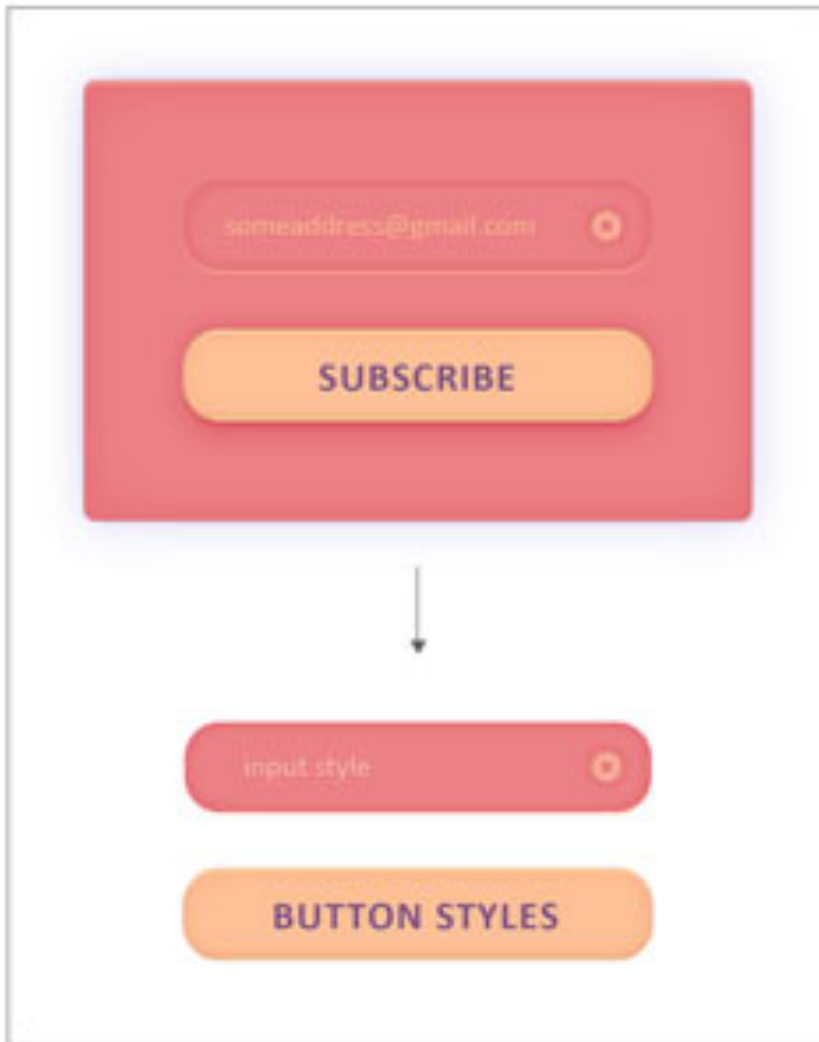
- Screen titles on websites are excellent ways to remind the user of where they are after they opened 35 tabs and don't recall the content.



# 07. The page title

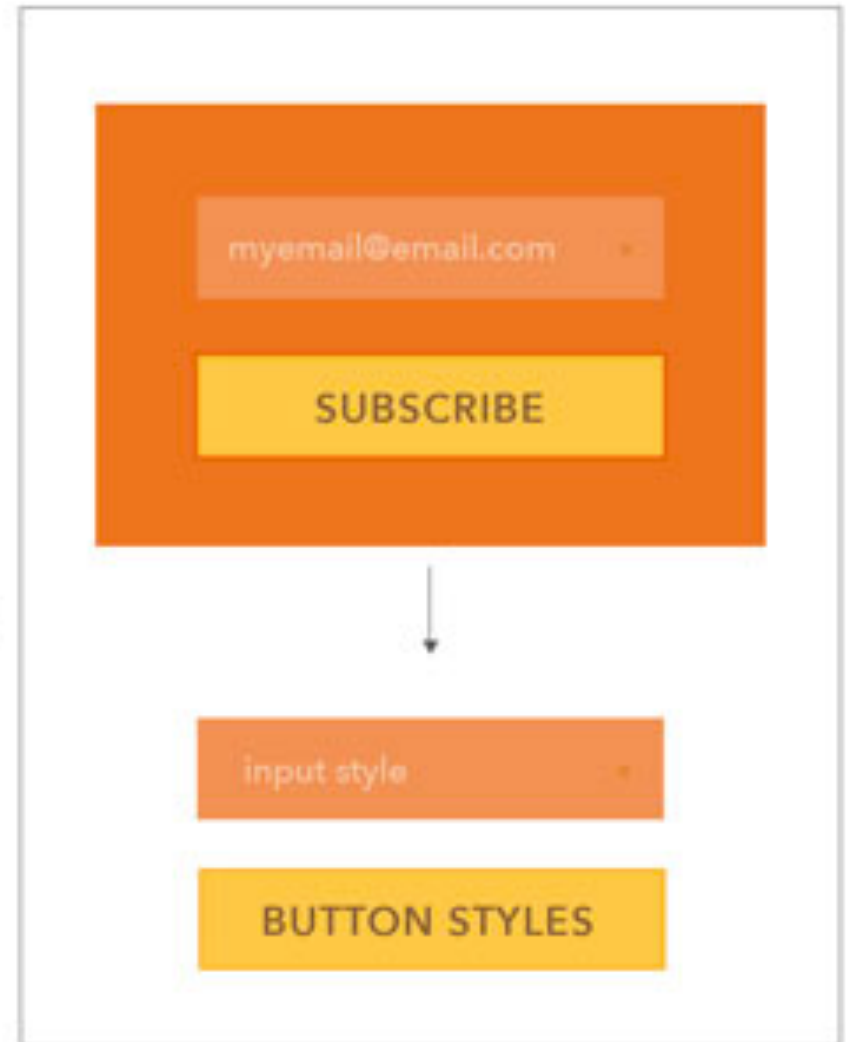


# 08. Define elements, then repeat them



OR

BECOMES

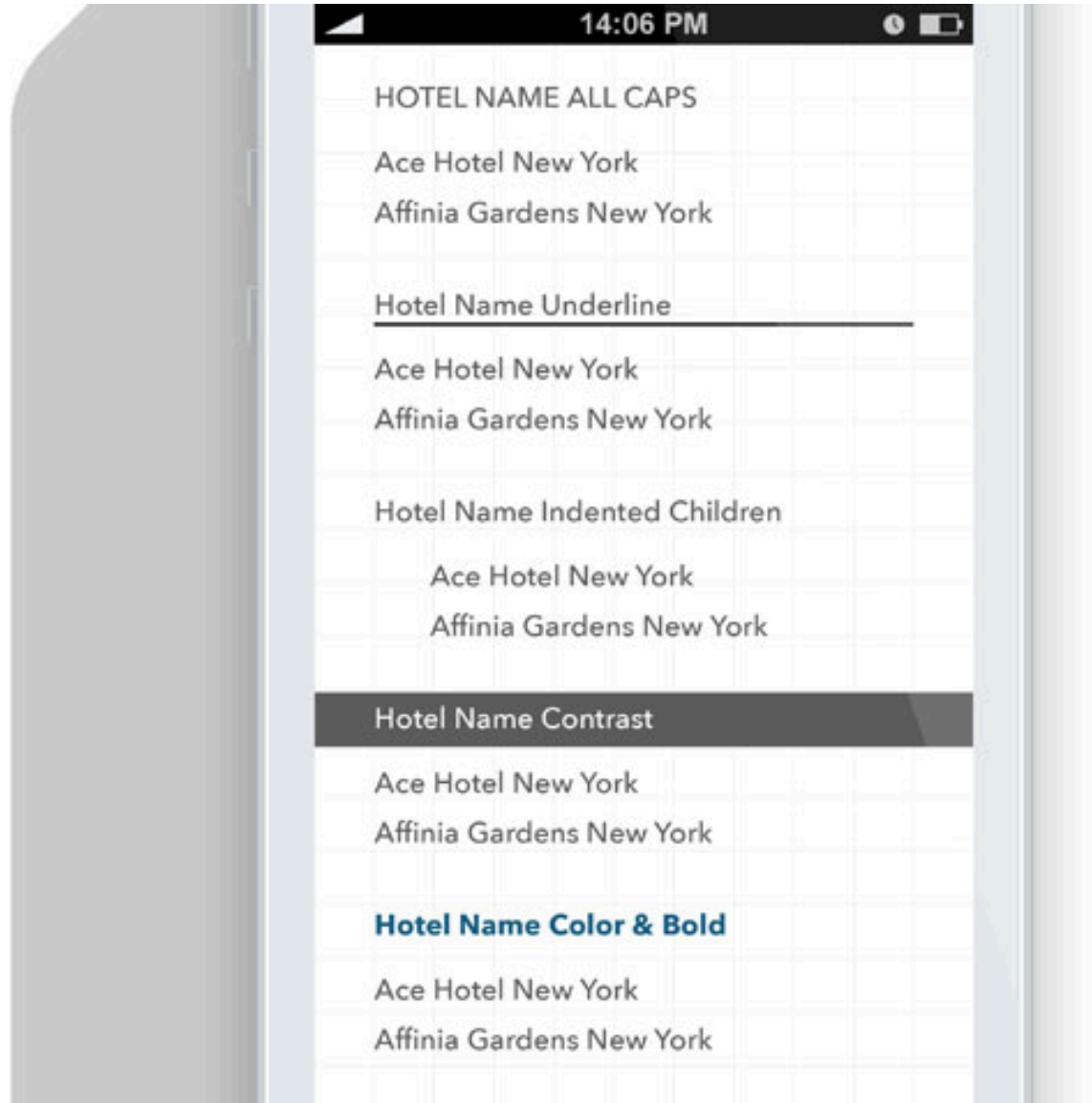


## 08. Define elements, then repeat them

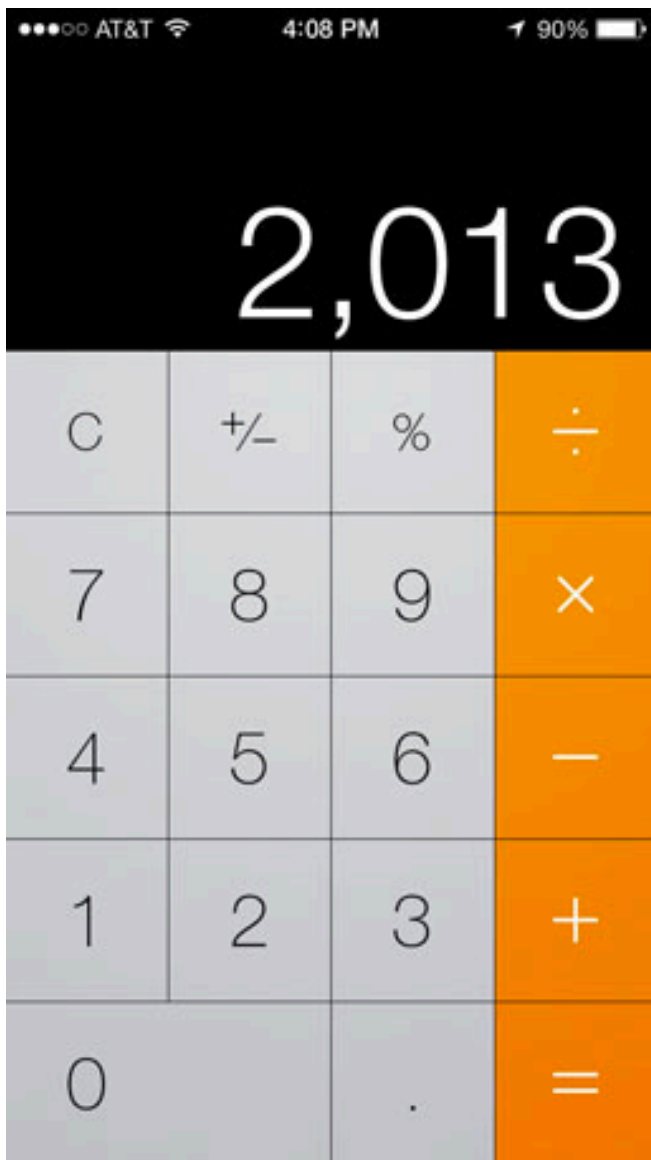


- If one of the 'go' buttons is the colour purple, then all 'go' buttons should be the colour purple.
- If one screen has 20 px padding on all side, all screens should maintain this consistency.
- This is what we mean by defining elements and repeating them.
- Each element should be defined, as should the colours inside the app.

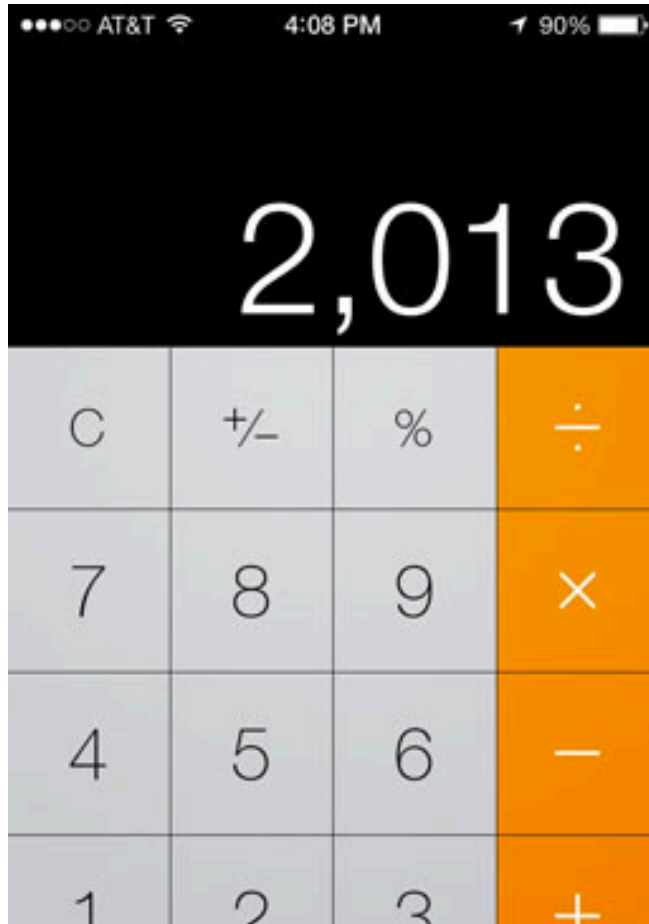
# 09. Simple tricks can be used to separate text and create hierarchy



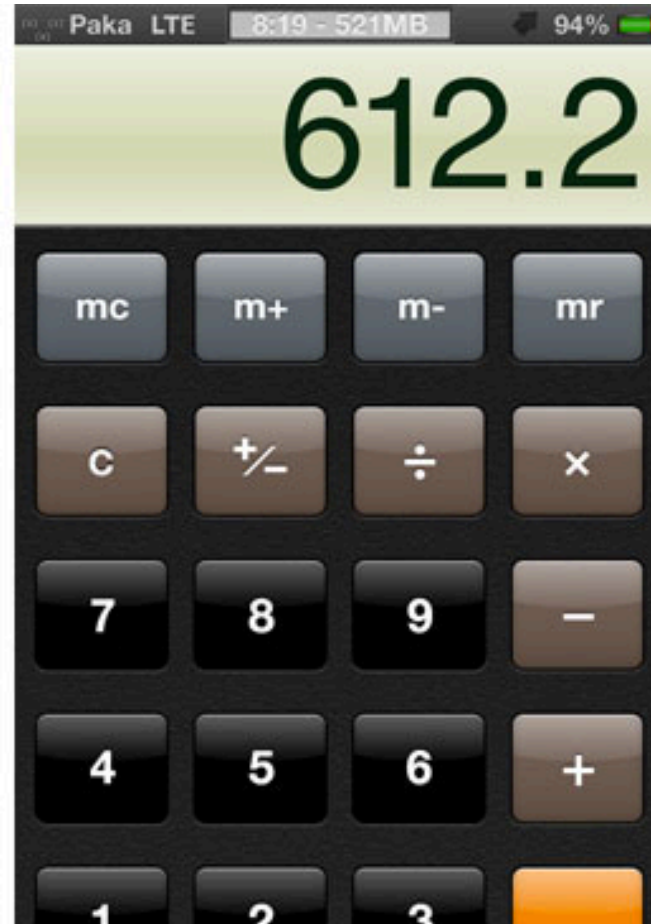
# 10. Outdated is another word for not trendy



# 10. Outdated is another word for not trendy



FLAT DESIGN

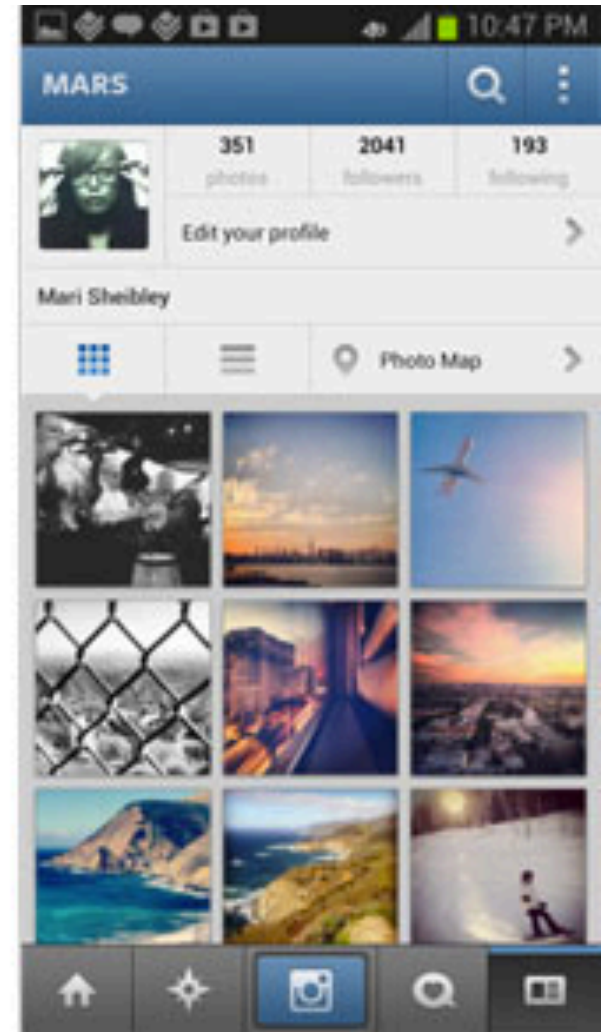
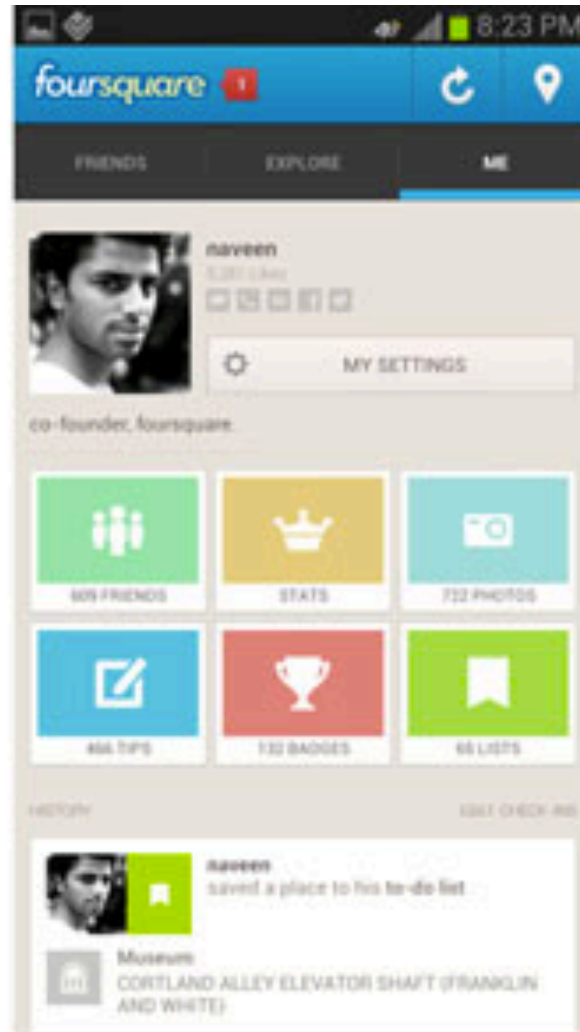
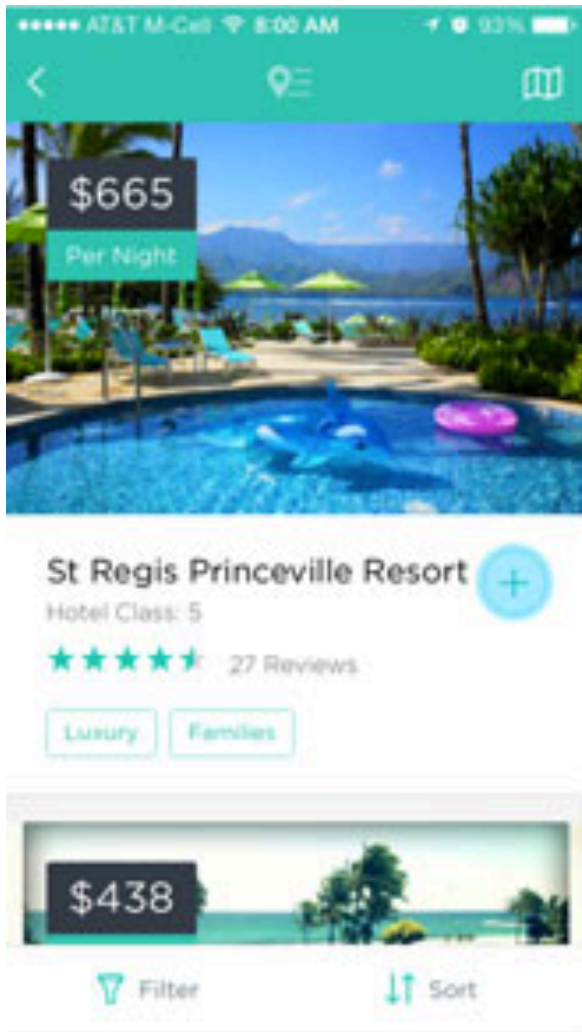


SKEUOMORPHISM





# 11. Most apps are basically just lists





# 12. How to make a decision on a layout



- Design libraries exist to help decide which layout is the best for a particular problem.
- Here are some good ones.
  - <http://www.pptrns.com/>
  - <http://www.mobile-patterns.com/>
  - <http://inspired-ui.com/>
  - <https://www.cocoacontrols.com/>
  - <http://www.lovelyui.com/>
  - <http://androidux.com/>
  - <https://developer.yahoo.com/ypatterns/about/libraries.html>

# 13. Actions requires feedback, and fast



**LOADING**

Yup, this is gonna be a while.



5%

# 14. Postpone sign up



- Offer sign up on one page.
- Have the user signup once they 'like' or 'heart' an item; allow them to get engaged first.
- You'll have significant user dropoff from logins, and usually the sign up doesn't offer much value to the brand anyway.

# 15. When to use a fancy font



Arial is plain and easy to read.

Avenir Next is the iPhone standard and pretty neat.

Roboto is the Android standard.

Helvetica is used (way too) often, though it is easy to read

# 15. When to use a fancy font



- The most important considerations for selecting a font are:
  - Can I easily use it on mobile/web?
  - Is there a variety of weights?
  - Is it legible?

# 16. Each system has visual guidelines



- Android, Windows and iOS have design guidelines that cover different design styles and are rather detailed with specific information like widths between text.
- They're a great resource when you're not sure how to proceed.

Google



Google Search

I'm Feeling Lucky

Lesson

Get smart









url("data:image/svg+xml; charset=US-ASCII,%3Csvg%20xmlns%3D%22http%3A%2F%2Fwww.w3.org%2F2000%2Fsvg%22%20xmlns%3Axlink%3D%22http%3A%2F%2Fwww.w3.org%2F1999%2F xlink%22%20xmlns%3Aa%3D%22http%3A%2F%2Fns.adobe.com%2FAdobeSVGViewerExtensions%2F3.0%22%20version%3D%221.1%22%20x%3D%220px%22%20y%3D%220px%22%20width%3D%22220px%22%20height%3D%2245px%22%20viewBox%3D%220%200%20195%2040%22%20overflow%3D%22visible%22%20enable-background%3D%22new%20%20%20195%2040%22%20xml%3Aspace%3D%22preserve%22%3E%0A%3Cdefs%3E%0A%3C%3C%3E%0A%09%3Cpath%20fill%3D%22%23E94E1B%22%20d%3D%22M34.0581055%2037.28125H4.6899414C0.300293%2037.3%200.2%2033%200.2%2032.8422852V4.6899414%20C0.25%200.3%204.5%200.3%204.7%200.25h28.0039062c4.3901367%200%204.4%204.3%204.4%204.4399414v29.5151367%20l2.3647461%202.3657227l-3.0766602%203.0756836L34.0581055%2037.28125z%22%3E%0A%09%3Cpath%20fill%3D%22%23E3441B%22%20d%3D%22M32.6943359%200.5c4.1235352%200%204.2%204%204.2%204.1899414v29.4116211v0.2070312%20l0.1464844%200.1464844l2.1147461%202.1157227l-2.7231445%202.722168l-2.1147461-2.1152344L34.1616211%2037.03125h-0.2070312H4.6899414%20c-4.1230469%200-4.1889648-4.019043-4.1899414-4.1889648V4.6899414C0.5%200.6%204.5%200.5%204.7%200.5H32.6943359%20M32.6943359%200H4.6899414C4.6899414%200%200%200%200%204.6899414v28.1523438c0%200%200%204.7%204.7%204.6889648h29.2646484L36.4228516%2040%20l3.4301758-3.4291992l-2.4682617-2.4692383V4.6899414C37.3847656%204.7%2037.4%200%2032.7%200L32.6943359%200z%22%3E%0A%3Cg%3E%0A%3Cg%3E%0A%09%3Cpath%20fill%3D%22%23FFFFFF%22%20d%3D%22M18.3554688%2025.8642578v-5.8110352h-4.3349609v5.3398438%20c0%200.5341797-0.2504883%200.7861328-0.784668%200.7861328h-0.5654297c-0.5336914%200-0.7851562-0.2519531-0.7851562-0.7861328V12.1381836%20c0-0.5332031%200.2514648-0.784668%200.7851562-0.784668h0.5029297c0.5336914%200%200.8%200.3%200.8%200.784668v4.6806641%20h4.3354492v-5.1508789c0-2.7329102-1.3505859-4.0834961-4.0830078-4.0834961h-2.6386719%20c-2.7324219%200-4.0834961%201.3505859-4.0834961%204.0834961v14.1962891c0%202.7%201.4%204.1%204.1%204.0830078h2.7011719%20C17.0043945%2029.9%2018.4%2028.6%2018.4%2025.9%22%3E%0A%09%3Cpath%20fill%3D%22none%22%20stroke%3D%22%23DD4531%22%20stroke-width%3D%220.5%22%20stroke-miterlimit%3D%2210%22%20d%3D%22M18.3554688%2025.8642578v-5.8110352h-4.3349609%20v5.3398438c0%200.5341797-0.2504883%200.7861328-0.784668%200.7861328h-0.5654297c-0.5336914%200-0.7851562-0.2519531-0.7851562-0.7861328%20V12.1381836c0-0.5332031%200.2514648-0.784668%200.7851562-0.784668h0.5029297c0.5336914%200%200.8%200.3%200.8%200.8%20v4.6806641h4.3354492v-5.1508789c0-2.7329102-1.3505859-4.0834961-4.0830078-4.0834961h-2.6386719%20c-2.7324219%200-4.0834961%201.3505859-4.0834961%204.0834961v14.1962891c0%202.7%201.4%204.1%204.1%204.0830078h2.7011719%20C17.0043945%2029.9%2018.4%2028.6%2018.4%2025.9%22%3E%0A%3Cg%3E%0A%3Cg%3E%0A%09%3Cpath%20fill%3D%22%23FFFFFF%22%20d%3D%22M26.2836914%2025.2631836c0%200.5429688-0.2548828%200.7983398-0.7988281%200.7983398h-1.1176758v-5.6547852%20h1.1176758c0.5439453%200%200.8%200.3%200.8%200.7988281V25.2631836z%20M26.2202148%2015.9%20c0%200.5429688-0.2553711%200.7988281-0.7988281%200.7988281h-1.0541992v-



```
url("data:image/svg+xml; charset=US-  
ASCII,%3Csvg%20xmlns%3D%22http%3A//www.w3.org/2000/svg%22%20xmlns  
%3Axlink%3D%22http%3A//www.w3.org/1999/xlink%22%20xmlns%3Aa%3D%2  
2http%3A//ns.adobe.com/AdobeSVGViewerExtensions/3.0/%22%20version%3D  
%221.1%22%20x%3D%220px%22%20y%3D%220px%22%20width%3D%2222  
0px%22%20height%3D%2245px%22%20viewBox%3D%220%200%20195%204  
0%22%20overflow%3D%22visible%22%20enable-  
background%3D%22new%200%200%20195%2040%22%20xml%3Aspace%3D  
%22preserve%22%3E%0A%3Cdefs%3E%0A%3C/defs%3E%0A%3Cg%3E%0A  
%09%3Cpath%20fill%3D%22%23E94E1B%22%20d%3D%22M34.0581055%20  
37.28125H4.6899414C0.300293%2037.3%200.2%2033%200.2%2032.8422852  
V4.6899414%20C0.25%200.3%204.5%200.3%204.7%200.25h28.0039062c4.39  
01367%200%204.4%204.3%204.4%204.4399414v29.5151367%20l2.3647461%  
202.3657227l-  
3.0766602%203.0756836L34.0581055%2037.28125z%22/%3E%0A%09%3Cpat  
h%20fill%3D%22%23E3441B%22%20d%3D%22M32.6943359%200.5c4.12353  
52%200%204.2%204%204.2%204.1899414v29.4116211v0.2070312%20l0.1464  
844%200.1464844l2.1147461%202.1157227l-2.7231445%202.722168l-  
2 1147461-2 1152344l 34 1616211%2037 03125h-0 2070312H4 6899414%20c-
```



## SVG Tutorial

### SVG HOME

- SVG in HTML5
- SVG Rectangle
- SVG Circle
- SVG Ellipse
- SVG Line
- SVG Polygon
- SVG Polyline
- SVG Path
- SVG Text
- SVG Stroking

### SVG Filters

- SVG Filters Intro
- SVG Blur Effects
- SVG Drop Shadows

### SVG Gradients

- SVG Linear
- SVG Radial

### SVG Examples

- SVG Examples

### SVG Reference

- SVG Reference

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Photos Vector Images Videos

## SVG Tutorial

« [W3Schools Home](#)

[Next Chapter »](#)



SVG stands for Scalable Vector Graphics.  
SVG defines vector-based graphics in XML format.

## Examples in Each Chapter

With our "Try it Yourself" editor, you can edit the SVG, and click on a button to view the result.

### SVG Example

```
<html>
<body>

<h1>My first SVG</h1>

<svg width="100" height="100">
  <circle cx="50" cy="50" r="40" stroke="green" stroke-width="4" fill="yellow" />
</svg>

</body>
```

kobo

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# Lesson

## Understand

U

X





Lesson

# Understand User eXperience



# Human Interface Guidelines



- <https://developer.apple.com/library/ios/documentation/UserExperience/Conceptual/MobileHIG/>



# Human Interface Guidelines



iOS Developer Library Developer

iOS Human Interface Guidelines iBooks

On This Page ▼

## Designing for iOS

iOS embodies the following themes:

- **Deference.** The UI helps people understand and interact with the content, but never competes with it.
- **Clarity.** Text is legible at every size, icons are precise and lucid, adornments are subtle and appropriate, and a sharpened focus on functionality motivates the design.
- **Depth.** Visual layers and realistic motion impart vitality and heighten people's delight and understanding.

Wednesday Today		81	59		
Now	9AM	10AM	11AM	12PM	1PM
63	63	64	66	70	73
Thursday		84	61		
Friday		81	57		
Saturday		81	59		
Sunday		81	59		
Monday		82	61		

Apple Developer

# Human Interface Guidelines



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  - Depth.
    - Visual layers and realistic motion impart vitality and heighten people's delight and understanding.

# Human Interface Guidelines



- Whether you're redesigning an older app or creating a new one, consider approaching the job in this way:
  - First, look past the UI to the app's core functionality and affirm its relevance.
  - Next, use the themes of iOS to inform the design of the UI and the user experience.  
Add details and embellishments with care and never gratuitously.
  - Finally, be sure to design your UI to adapt to various devices and modes so that users can enjoy your app in as many contexts as possible.

# Human Interface Guidelines



- Throughout the process, be prepared to defy precedent, question assumptions, and let a focus on content and functionality motivate every design decision.

# Human Interface Guidelines



- Defy precedent
- Question assumptions
- Let a focus on content and functionality motivate every design decision

# elementary OS

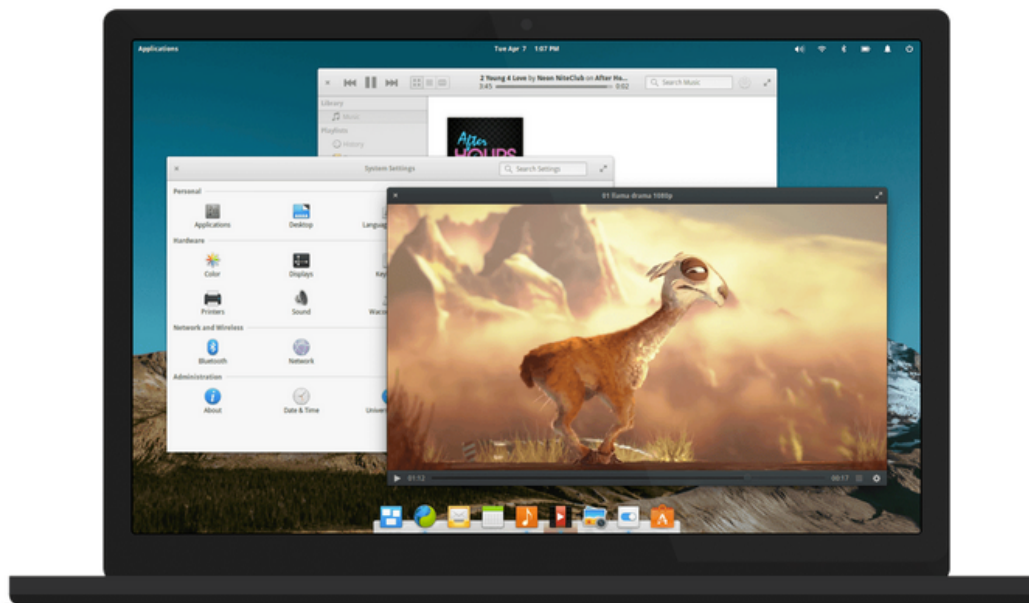


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## elementary OS

A fast and open replacement for Windows and OS X



# elementary OS

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## Programmers

What Design Is Not  
Concision  
Avoid Configuration  
Minimal Documentation

## User Workflow

First-Launch Experience  
Normal Launch  
Always Provide An Undo  
Always Saved  
Closing  
Background Tasks

## Desktop Integration

App Launchers  
Contractor  
Dock Integration  
System Indicators

## Container Widgets

Windows  
Popovers  
Toolbars

## UI Toolkit Elements

Widget Concepts  
Infobars  
Welcome Screen  
Source List  
Buttons  
AppMenu  
Search Fields

## Human Interface Guidelines

These guidelines are designed to help developers and designers create a beautifully consistent experience on the elementary desktop. They were written for interface designers, graphic artists and software developers who will be working on elementary OS. They will not only define specific design elements and principles, but will also instill a philosophy that will allow you to decide when it is appropriate to deviate from the Guidelines. Adhering to the suggestions contained here will provide many benefits:

- Users will learn to use your application faster because it shares common elements that they are already familiar with.
- Users will accomplish tasks more quickly because you will have a straight-forward interface design that isn't confusing or difficult.
- Your application will appear native to the desktop and share the same elegant look as default applications.
- Your application will be easier to document because an expected behavior does not require explanation.
- The amount of support you will have to provide, including bugs filed, will be lessened (for the reasons above).

To help you achieve these goals, these guidelines will cover basic interface elements, how to use them and put them together effectively, and how to make your application integrate well with the desktop. The most important thing to remember is that following these guidelines will make it easier to design a new application, not harder.

However, keep in mind that this is a guideline, not a rulebook. New, amazing interaction paradigms appear every day and more are waiting to be discovered. This is a living document that can and will be changed.



# elementary OS



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# elementary OS



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- New, amazing interaction paradigms appear every day and more are waiting to be discovered.
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# elementary OS – what design is NOT



- Design is not something you add on after you've completed a product.
- Whether you realize it or not, you are constantly designing anything you build. It is an intrinsic part of creating something.
- Design is not just what something looks like. It's not just the colors and fonts.
- Design is how it works.
- When you decide to add a button that does a thing, that is design. You made a decision to add a button with an icon or a label and where that button went and the size and color of that button.
- Decisions are designs.

# elementary OS – what design is NOT



- Design is not just, like, your opinion, man.
- Design is testable.
- One design will meet a specific goal better than another design.
- Consider different types of bicycles. A folding bicycle has a different set of design goals than a mountain bicycle. Things like weight, size, and tire tread are important factors in helping the intended user reach their goals.
- Because we understand that design is about solving specific problems, we must also understand that we can objectively compare the effectiveness of two designs at solving those problems.

google



# Material design

Introduction



# Material Design Goals



- Create a visual language that synthesizes classic principles of good design with the innovation and possibility of technology and science.
- Develop a single underlying system that allows for a unified experience across platforms and device sizes.
- Mobile precepts are fundamental, but touch, voice, mouse, and keyboard are all first-class input methods.



# Material Design Goals



- All first-class input methods.
  - Touch
  - Voice
  - Mouse
  - Keyboard

**Lesson**

# Learn about colour design



# Lesson

**Never let a  
programmer  
design a  
user interface**



# Material Design Style



Google

Material design

What is material?

Animation

Style

Color

Icons

Imagery

Typography

Writing

Layout

Components

Patterns

Usability

Resources

What's new



# Material Design Style - Color



Red	
500	#F44336
50	#FFEBEE
100	#FFCDD2
200	#EF9A9A
300	#E57373
400	#EF5350
500	#F44336
600	#E53935
700	#D32F2F
800	#C62828
900	#B71C1C
A100	#FF8A80
A200	#FF5252
A400	#FF1744
A700	#D50000

Pink	
500	#E91E63
50	#FCE4EC
100	#F8BBD0
200	#F48FB1
300	#F06292
400	#EC407A
500	#E91E63
600	#D81B60
700	#C2185B
800	#AD1457
900	#880E4F
A100	#FF80AB
A200	#FF4081
A400	#F50057
A700	#C51162

Purple	
500	#9C27B0
50	#F3E5F5
100	#E1BEE7
200	#CE93D8
300	#BA68C8
400	#AB47BC
500	#9C27B0
600	#8E24AA
700	#7B1FA2
800	#6A1B9A
900	#4A148C
A100	#EA80FC
A200	#E040FB
A400	#D500F9
A700	#AA00FF

# Material Design Style - Color



Deep Purple	
500	#673AB7
50	#EDE7F6
100	#D1C4E9
200	#B39DDB
300	#9575CD
400	#7E57C2
500	#673AB7
600	#5E35B1
700	#512DA8
800	#4527A0
900	#311B92
A100	#B388FF
A200	#7C4DFF
A400	#651FFF
A700	#6200EA

Indigo	
500	#3F51B5
50	#E8EAF6
100	#C5CAE9
200	#9FA8DA
300	#7986CB
400	#5C6BC0
500	#3F51B5
600	#3949AB
700	#303F9F
800	#283593
900	#1A237E
A100	#8C9EFF
A200	#536DFE
A400	#3D5AFE
A700	#304FFE

Blue	
500	#2196F3
50	#E3F2FD
100	#BBDEFB
200	#90CAF9
300	#64B5F6
400	#42A5F5
500	#2196F3
600	#1E88E5
700	#1976D2
800	#1565C0
900	#0D47A1
A100	#82B1FF
A200	#448AFF
A400	#2979FF
A700	#2962FF

# Material Design Style - Color



Light Blue	
500	#03A9F4
50	#E1F5FE
100	#B3E5FC
200	#81D4FA
300	#4FC3F7
400	#29B6F6
500	#03A9F4
600	#039BE5
700	#0288D1
800	#0277BD
900	#01579B
A100	#80D8FF
A200	#40C4FF
A400	#00B0FF
A700	#0091EA

Cyan	
500	#00BCD4
50	#E0F7FA
100	#B2EBF2
200	#80DEEA
300	#4DD0E1
400	#26C6DA
500	#00BCD4
600	#00ACC1
700	#0097A7
800	#00838F
900	#006064
A100	#84FFFF
A200	#18FFFF
A400	#00E5FF
A700	#00B8D4

Teal	
500	#009688
50	#E0F2F1
100	#B2DFDB
200	#80CBC4
300	#4DB6AC
400	#26A69A
500	#009688
600	#00897B
700	#00796B
800	#00695C
900	#004D40
A100	#A7FFEB
A200	#64FFDA
A400	#1DE9B6
A700	#00BFA5



# Material Design Style - Color



Green	
500	#4CAF50
50	#E8F5E9
100	#C8E6C9
200	#A5D6A7
300	#81C784
400	#66BB6A
500	#4CAF50
600	#43A047
700	#388E3C
800	#2E7D32
900	#1B5E20
A100	#B9F6CA
A200	#69F0AE
A400	#00E676
A700	#00C853

Light Green	
500	#8BC34A
50	#F1F8E9
100	#DCEDC8
200	#C5E1A5
300	#AED581
400	#9CCC65
500	#8BC34A
600	#7CB342
700	#689F38
800	#558B2F
900	#33691E
A100	#CCFF90
A200	#B2FF59
A400	#76FF03
A700	#64DD17

Lime	
500	#CDDC39
50	#F9FBE7
100	#F0F4C3
200	#E6EE9C
300	#DCE775
400	#D4E157
500	#CDDC39
600	#C0CA33
700	#AFB42B
800	#9E9D24
900	#827717
A100	#F4FF81
A200	#EEFF41
A400	#C6FF00
A700	#AEEA00

# Material Design Style - Color



Yellow	
500	#FFEB3B
50	#FFFDE7
100	#FFF9C4
200	#FFF59D
300	#FFF176
400	#FFEE58
500	#FFEB3B
600	#FDD835
700	#FBC02D
800	#F9A825
900	#F57F17
A100	#FFF88D
A200	#FFF000
A400	#FFEA00
A700	#FFD600

Amber	
500	#FFC107
50	#FFF8E1
100	#FFECCB3
200	#FFE082
300	#FFD54F
400	#FFCA28
500	#FFC107
600	#FFB300
700	#FFA000
800	#FF8F00
900	#FF6F00
A100	#FFE57F
A200	#FFD740
A400	#FFC400
A700	#FFAB00

Orange	
500	#FF9800
50	#FFF3E0
100	#FFE0B2
200	#FFCC80
300	#FFB74D
400	#FFA726
500	#FF9800
600	#FB8C00
700	#F57C00
800	#EF6C00
900	#E65100
A100	#FFD180
A200	#FFAB40
A400	#FF9100
A700	#FF6D00

# Material Design Style - Color



Deep Orange	
500	#FF5722
50	#FBE9E7
100	#FFCCBC
200	#FFAB91
300	#FF8A65
400	#FF7043
500	#FF5722
600	#F4511E
700	#E64A19
800	#D84315
900	#BF360C
A100	#FF9E80
A200	#FF6E40
A400	#FF3D00
A700	#DD2C00

Brown	
500	#795548
50	#EFEBE9
100	#D7CCC8
200	#BCAAA4
300	#A1887F
400	#8D6E63
500	#795548
600	#6D4C41
700	#5D4037
800	#4E342E
900	#3E2723

Grey	
500	#9E9E9E
50	#FAFAFA
100	#F5F5F5
200	#EEEEEE
300	#E0E0E0
400	#BDBDBD
500	#9E9E9E
600	#757575
700	#616161
800	#424242
900	#212121

# Material Design Style - Color



Blue Grey	
500	#607D8B
50	#ECEFF1
100	#CFD8DC
200	#B0BEC5
300	#90A4AE
400	#78909C
500	#607D8B
600	#546E7A
700	#455A64
800	#37474F
900	#263238

Black	#000000
White	#FFFFFF

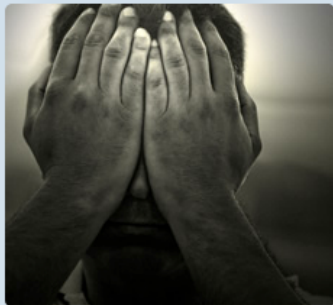
# Programmer(?) Design



Vincent Flanders' **Web Pages That Suck** Our 18th Year  
Learn Good Web Design by Looking at Bad Web Design

Home | Worst Websites of the Year | Bad Web Design | Daily Sucker | Articles | Web Design Checklists | FAQ, etc.

## Where to Start?



The [Worst Websites of 2013](#) is a great place to start. Plenty of examples of bad web design.

[Worst Websites of 2013: The Top Contenders from January through June](#) will give you a sneak peek at what the worst websites of 2013 will look like.

[The Daily Sucker](#) provides current examples of bad web design Presented Daily

[Mystery Meat Navigation](#) gives an

## Web Pages That Suck Presents The 20 Worst Websites of 2014



This year there's less emphasis on using Over-The-Top websites—mostly because I've separated them into their own document [The 12 Worst Over-The-Top Websites of 2014](#)—and started discussing mobile mistakes along with more serious design flaws. This shouldn't be a surprise as the world is seeing a quantifiable move from the desktop to mobile.



[The 20 Worst Websites of 2014](#)

# Web pages that suck



**Artistic Quote:**  
*"Photography takes  
an instant out of  
time, altering life by  
holding it still"*  
~Dorothea Lange



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- Donors
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- Monthly News Letters
- Links
- Contact Us
- Area Art Organizations
- Children's Art
- Photo Gallery

**2015 Fall Juried Show**  
**Opening Friday, August 28th 6:30 -**





# Web pages that suck



## MGBD Parts & Services

Rover P6 Parts Specialist



MGBD Parts by Mark & Angie Gray

**ROVER P6 PARTS**

**Online Store**

**Click here**

### **IMPORTANT CUSTOMER NOTICE**

Message to all of our customers who have purchased brake servo vacuum hose from us, this applies to part numbers 578081, 578082, 578084 purchased since February 2014.

Please can you examine the hose thoroughly because we have had one customer reporting that it has turned to jelly. Anyone finding this issue with the brake servo vacuum hose supplied by us, please contact us immediately on +44 (0) 1902 689975

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**Shropshire & Staffordshire**





# Web pages that suck



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# Web pages that suck



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# Lesson

**The way you  
code RPG  
won't work  
any more**



# DMI



- <http://dminc.com/blog/why-most-mobile-app-developers-suck/>



JULY 16TH, 2013

# WHY MOST MOBILE APP DEVELOPERS SUCK



Over the past 7 years we've delivered well over 1000 apps, including over 100

## RELATED POSTS



**MOBILE APPS IN OIL AND GAS AND OTHER HAZARD ENVIRONMENTS**



# Conclusion



- To build up a great mobile development team don't just hire developers with mobile experience.
- Focus on building up a team of great developers and generalists that will pick up any new technology rapidly and combine these with people that understand mobile, including user interface and user experience design.
- A degree in engineering and mathematics and experience of working in a larger development team make a huge difference in productivity, quality and the ability to deliver large complex projects.
- In the long term it will be worth the investment.
- Finally, there is only one way to qualify the skills and experience of a developer unless you really trust their references, and that is a live coding exercise during the interview process.

# Code My Views



- <https://codemyviews.com/blog/mobilefirst>



# Code My Views



CODE MY VIEWS Developer Daily Our Methods Work Services [GET A FREE QUOTE](#)

## *Mobile First Design: Why It's Great and Why It Sucks*

Branding posted by Code My Views

71

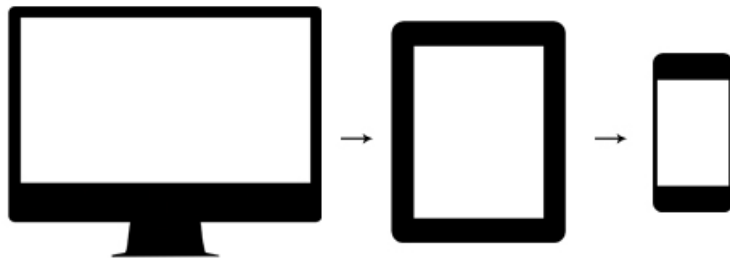
- LinkedIn
- Twitter
- Facebook
- Stack Overflow
- Email



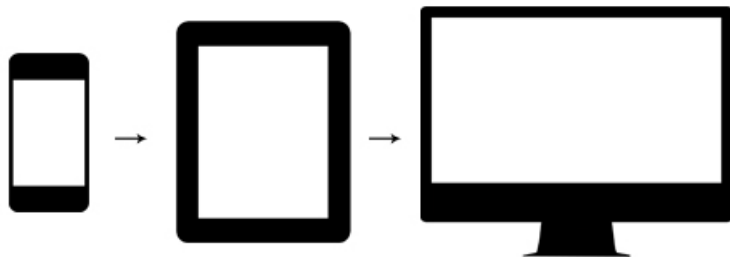
# Why Mobile First?



- Graceful Degradation



- Progressive Enhancement



# Why Progressive Enhancement Wins



- When you start with the desktop platform, you tend to take advantage of everything that platform has to offer.
- You build an amazing product that leverages lots of great technology, only to realize that none of it scales well down to mobile.
- This can and does lead to severely watered down mobile products that feel more like an afterthought than a polished, finished product.
- Does this happen with every project? Perhaps not, but the story is likely far more common than you'd like to believe.

# Why Progressive Enhancement Wins



- If we examine the progressive enhancement workflow, the result tends to be a different story.
- Here we're starting with a project that is both super lean and quite impressive.
- You've taken all of that starting energy and put it into creating a product that looks and functions well despite the many restraints that you faced.
- More importantly, you've already gone through the problem of trimming down the content to its most vital elements.
- Now when it's time to bring this design to the desktop, instead of facing the decision of what to cut and how to water down your product, you instead get to decide how to make it even more robust!

# Lesson

**Green is  
long gone..  
Forget it!**



**Lesson**

# **Change Your Vernacular!**



WSMAIN  
7/28/15

R e n t a l M a n ®

Sys: TERRY 12  
Cmp: RM Loc: DMO

- 1. Operations Menu
- 2. Purchasing Menu
- 3. Accounts Receivable Menu
- 4. Accounts Payable Menu
- 5. General Ledger Menu
- 6. Sales Analysis Menu
- 7. Equipment Maintenance Menu
- 8. System File Maintenance Menu
- 9. Cross Application Maintenance Menu
- 10. Data File Purge Options
- 11. Conversion Menu
  
- 88. Password Reset
- 90. Signoff                    99. Printers

Option or command  
===>

---

F3=Exit    F5=Printer output    F6=Messages    F7=P.O. Menu    F10=Send message  
F12=Previous menu    F16=Dispatch    F24=More keys



7/28/15 10:36:15 Sales Analysis Summary Sys: TERRY 12  
 Type:  (F4 to search) Cmp: RM All locs  
 Month/Year: 7 / 2015 Data type: A (A-\$ amt, Q-Quantity) Currency: USD  
 Options: 1=Detail by month \_\_\_\_\_ D e l i m i t e \_\_\_\_\_  
 Start at: \_\_\_\_\_  
 Op M-T-D Y-T-D Last YTD % Diff L-T-D

F3=Exit F4=Type Search F7=Single/All Locations F8=All/Valid Records  
 Enter the sales analysis type or press F4 to search.



7/28/15 10:36:15

# Sales Analysis Summary

Sys: TERRY 12

Type: \_ (F4 to search)

Cmp: RM All locs

Month .....ntity) Currency: USD

Optio : Sales Analysis Summary Types : i m i t

Start :  
Op : 1=Select : t YTD % Diff L-T-D

O	Cd	Description
—	A	Cash customers
—	C	Charge customers
—	P	Corporate customers
—	J	Customer/Locations
—	E	Inter-company expenses
—	N	Loc/Job #
—	K	Location/Customers
—	L	Locations
—	M	Market segment

More...

F3=Exit F6=Add F8=By code

F3=Exit F4=Type Search F7=Single/All Locations F8=All/Valid Records

Enter the sales analysis type or press F4 to search.

7/28/15 10:36:24 Analysis by Location Sys: TERRY 12  
 Type: **L** (F4 to search) Cmp: RM All locs  
 Month/Year: 7 / 2015 Data type: A (A-\$ amt, Q-Quantity) Currency: USD  
 Options: 1=Detail by month Delimit

Start at:

Op	Loc Name	M-T-D	Y-T-D	Last YTD	% Diff	L-T-D
—	BNKABNKA					227
—	CST1COST CENTER 1		3549		99999.99	3549
—	DMO DEMO LOCATION	104362	564684	9905	5601.00	459497117
—	EUROEURO LOCATION					672672
—	EXE8LOCATION NAME					664334
—	FTN RENTALMAN FOUNT					9840
—	HTB EUROPEAN SETTIN		1970		99999.99	3389132
—	LGB GREENVILLE					6241968
—	RAMISWEDEN		2502		99999.99	196601
—	ROCKROCK	872	140856		99999.99	140856
—	SPE STEVE'S TEST CO		9136		99999.99	12025
—	VTX VERTEX		233		99999.99	233
—	0049SAN MARCO SCUTA		1090		99999.99	214384
	Totals:	105234	724020	9905	7209.64	471042938

F3=Exit F6=Sort By F7=Location Toggle F11=More Info F24=More Keys  
 Select option or change selection or delimiting criteria and press Enter.

7/28/15 10:36:32

Sales Analysis By Location

Sys: TERRY 12  
Cmp: RM Loc: DMO  
Mode SINGLE LOC

Type: L Loc code: DMO  
Month/Year: 7 / 2015 DEMO LOCATION  
Currency: USD

TOTAL

Month	2015- 2014	% Change	2014- 2013	% Change	2013- 2012	Monthly Average
JUL	104,362	2647.8	3,798	9999.9		36,053
JUN	172,816	6156.9	2,762	88.2-	23,430	66,336
MAY	23,139	842.1	2,456	99.5-	486,856	170,817
APR	96,441	9999.9		100.0-	814,252	303,564
MAR	7,188	2304.0	299	97.7-	13,282	6,923
FEB	1,371	81.1	757	100.0-	97,019,338	32,340,489
JAN	159,367	5529.3-	167-	100.0-	427,302	195,501
DEC	10,848	9999.9		100.0-	331,848	114,232
NOV	231,242,352	9999.9	234	99.9-	467,275	77,236,620
OCT	205,282-	108.9-	2,304,492	262.4	635,839	911,683
SEP	4,938	9999.9		100.0-	372,014	125,651
AUG	76,857,579	9999.9		100.0-	479,448	25,779,009
***	308,475,119	9999.9	2,314,631	97.7-	101,070,884	137,286,878

F3=Exit F14=Show Rental F15=Show Sales F24=More Keys  
View information and press Enter to continue.

7/28/15 09:19:54

Step Description Maintenance

Sys: TERRY 12

Cmp: RM Loc: DMO

Mode ADD

Position to search word:

Language: ENU UNITED STATES ENGLISH

Maint

Step # Step description Y/N Code Srch word

Step #	Step description	Y/N	Code	Srch word
86	EMPTY DRAIN TANK	Y	2000	A/C
87	CHECK AIR FILTER	N	2000	A/C
88	REMOVE ELEMENT	N	2000	A/C
89	CLEAN FILTER	Y	2000	A/C
90	INSPECT POWER CORD	N	2000	A/C
91	CHECK DRAIN TANK	N	2000	A/C
92	OPERATE UNIT IN "FAN" MODE (8 HOURS)	N	2000	A/C
93	REPLACE AIR FILTER	Y	2000	A/C
11	QUARTERLY AERIAL INSPECTION	Y	5000	AERIAL
12	ANNUAL AERIAL INSPECTION	Y	5000	AERIAL
50	SCISSOR ARMS FREE OF DAMAGE, CRACKS & DISTORTION	N	3000	AERIAL
51	NO UNAUTHORIZED MODIFICATIONS OR ADDITIONS ON UNIT	N	3000	AERIAL
52	INSPECT GENERAL STRUCTURAL COND. INCLUDING WELDS	N	3000	AERIAL
53	STATIC STRAP IS IN PLACE	N	3000	AERIAL
54	CHECK BOLTS & FASTENERS FOR SECURITY	N	3000	AERIAL

F3=Exit F4=Search F6=New Page F5=Refresh F24=More Keys  
Enter or change descriptions and press Enter.



8/04/15 10:39:41

Contract Inquiry

Sys: TERRY 12

Cmp: RM Loc: DMO

Project #:

Contract #:  800 Loc:  Overdue contracts only: N

Open rnt: Y Rtns: N C.B.: N Sls Inv: N Sls order: N Rsv/quote: N W.O.: N

F3=Exit F6=By Date Range F7=Enter Customer # F10=By Rep#  
Enter starting contract #.



8/04/15 10:39:56

Customer Contract Inquiry

Sys: TERRY 12  
Cmp: RM Loc: DMO

Invoice summary #: \_\_\_\_\_

Customer name or #: \_\_\_\_\_ Job #: \_\_\_\_\_

-or- D/L state and #: CA 1234567890 Starting contract #: 999999999999

Open rnt: Y Rtns: N C.B.: N Sls Inv: N Sls order: N Rsv/quote: N W.O.: N

Customer name: Add new cash customer Currency: \_\_\_\_\_

Type option, press Enter or delimit the list with the filters.

1=Select =Display 6=Reprint 7=Fax/Email 8=Transaction History More.....

Op	Contract	Seq	Type	St	Start Dt	Retrn Dt	P.O. #	Loc	Job Location	Season
—	60562	0	OPEN		12/11/14	12/12/14		DMO	SAME	
—	60340	0	OPEN		6/25/14	7/09/14		DMO	TEST	

Total: USD .00

Bottom

F3=Exit F4=Search F11=Detail F22=Prt Bil Sum F23=More Opt F24=More Keys  
Make selections and press Enter to continue.



RALOGI  
8/04/15

Work With Phone Calls

Sys: TERRY 12  
Cmp: RM Loc: DMO

Ref Loc: \_\_\_\_\_ Cat/Class: \_\_\_\_\_ Printer: DVU

Call type: \_\_ CB: \_ LR: \_ Employee: DVU From/To Log Date: \_\_\_\_\_ 999999  
2=Change 4=Delete 5=Display 6=Print 8=Close From/To Req Date: \_\_\_\_\_ 999999

0 \_\_\_\_\_ :00 \_\_\_\_\_  
Sts Date Time Customer Equipment Job Location

No Records meet selection criteria.

F3=Exit F4=Prompt F5=Refresh F11=Fold F12=Prev F17=Top F18=Bot F19=Print  
Phone calls are displayed.





8/05/15 10:10:42

Customer Job Maintenance

Sys: TERRY 12

Date added: 3/19/15

Cmp: RM Loc: DMO

Active Job

Loc opened: DMO

Customer#: 800

Billing Information

Shipping Information

Name 1: Danny

DEWITT CONSTRUCTION

Pre-lien Information

Addr 1: 123 M

Press Enter when done or F12 to disregard changes.

1331 GARBER ROAD

Addr 2:

Pre-lien . . . . . : N (Y/N)

City : ARCAD

Pre-lien date . . . . . : \_\_\_\_\_

BROUSSARD

State: CA z

Original pre-lien date . . . . . : \_\_\_\_\_

LA zip/PC: 70518 Cntry: US County: \_\_\_\_\_

Phone: 626 1

Lien date . . . . . : \_\_\_\_\_

503 257-8808 Fax: \_\_\_\_\_

Project:

Pre-lien release date . . . . . : \_\_\_\_\_

city limits: Y Tax District: 190551855 G/L type:

Cust Job Ref#

Maximum job amount . . . . . : \_\_\_\_\_

31 GARBER RO;BROUSSARD Map pg/gd: \_\_\_\_\_

Job #:

Pre-lien release type . . . . . : \_\_\_\_\_

th Req: \_ Delivery: Y (Y/N)

P.O. Number:

Apply tax (Y/reason) Sales: \_\_\_\_\_

Contact name:

Rentals: \_\_\_\_\_

rket Segment: \_\_\_\_\_ Source Code: \_\_\_\_\_

Territory:

) Cycle bill cd: D

Sales rep:

Fax/Email: \_ (F/E/A/B/C/N)

Contract #: \_\_\_\_\_

Resale#: \_\_\_\_\_

Net N

F3=Exit F2=Rep Splt F4=Search F7=Pre-Lien Info F9=Del Inst F24=More Keys

Make changes and press Enter to continue.

7/28/15 10:38:26

Create Pickup Ticket

Sys: TERRY 12

Cmp: RM Loc: DMO

Contract #: 61079 Pickup #: 783

Mode BY SEQ #

Job location: DEWITT CONSTRUC;1331 GARBER RO;BROUSSARD

Print: Y

Driver: \_\_\_\_\_ Print an additional copy at location: \_\_\_\_\_ Fax/Email: N

Pickup

Qty on

Qty

1

Yard

Select Pickup Ticket Printer

1=Select

Opt	Printer	Outq	Description
01	SALESPRT		C/A SESSION FOR SALES.
02	JEFFPRTF		FormSprint Input Queue
03	ARAPRT01		ARA Work Order Out Queue

Bottom

Press Enter to print

Pickup ticket has been created. Press Enter to continue.



Fax/Email Window

: To Company: Danny Vu

: From User: DVU

Cover Letter Note:

: Option: 4=Remove

Opt	Contact Name	Fax/Email	
<input type="checkbox"/>	CHANDA FAX	9492256540	US
<input type="checkbox"/>	CHANDA MARTIN	CHANDA.MARTIN@WYNNESYSTEMS.COM	

Bottom

: F3=Exit F6=Add Email F7=Add Fax F12=Previous

: Make changes or press Enter to send...



8/05/15 09:22:04

Get Driving Directions

Sys: TERRY 12

Cmp: RM Loc: DMO

Type option, press Enter

1=Add ref point

2=Edit

4=Remove

5=Display

<u>Sel</u>	<u>Ref</u>	<u>type</u>	<u>Description</u>
—			
—			
—			
—			
—			
—			

More...

Driving Directions

More...

F3=Exit

F10=Get Driving Directions

F19=Print Directions

Enter Reference Points - From Point at Top To Point at the bottom



8/05/15 09:23:58

Credit Application Entry/Inquiry

Sys: TERRY 12  
Cmp: RM Loc: DMO

Sales Person? \_\_\_\_\_ Loc? \_\_\_\_\_ Mgr Initial: \_\_\_\_\_

Applicant Name: \_\_\_\_\_ Name 2: \_\_\_\_\_  
 Address: \_\_\_\_\_ Addr 2: \_\_\_\_\_ Application: 8/05/15  
 Addr 3: \_\_\_\_\_ City: \_\_\_\_\_ St/Zip: \_\_\_\_\_  
 Phone Cd/Number: \_\_\_\_\_ Tax I.D.#: \_\_\_\_\_ Established: \_\_\_\_\_

Int Bill Addr 1: \_\_\_\_\_ Addr 2: \_\_\_\_\_  
 Addr 3: \_\_\_\_\_ City: \_\_\_\_\_ St/Zip: \_\_\_\_\_  
 E-mail address: \_\_\_\_\_ Est Monthly Amt: \_\_\_\_\_  
 Web Site URL: \_\_\_\_\_ Own/Rent: \_\_\_\_\_ Prev Cust: \_\_\_\_\_

In Business Of: \_\_\_\_\_ Formed As(C/P/S): \_\_\_\_\_ Appl/Class: \_\_\_\_\_ SIC No.: \_\_\_\_\_  
 Cont. License: \_\_\_\_\_ Duns No.: \_\_\_\_\_  
 Apply taxes (Y/N) Sales: Y Rentals: Y Resale #: \_\_\_\_\_

Bank Name/Addr: \_\_\_\_\_  
 Account No.: \_\_\_\_\_ Int Bank Phone # 1: \_\_\_\_\_  
 Bank Name/Addr: \_\_\_\_\_  
 Account No.: \_\_\_\_\_ Int Bank Phone # 2: \_\_\_\_\_

F3=Exit F4=Search F6=Accept/Decline F7=Toggle Reg/Ext Address F24=More Keys  
 Application name cannot be blank

8/05/15 09:25:37

Aged Receivables Report

Sys: TERRY 12

Cmp: RM Loc: DMO

Print report type: D (B=Both,S=Summary,D=Detail) Currency: USD  
Sort function: C (C=Cus,L=Loc,R=Reg,S=Sls,T=Ter,A=Aud,D=Dis)  
Location Summary: N (Summarize location Y/N)  
Customer number: \_\_\_\_\_ (Blank for all)  
Include paid invoices: N Amt ovr to pull \_\_\_\_\_  
Select invoice type: — (R=Rentals,S=Sales or blank for all)  
Range of pd inv to inc: 8/01/15 8/05/15 Incl Inv by Cust Loc: N  
Aging date: As of: 8/05/15 N (Y=to this date,N=to today)  
Inc paymtns after aging: N Payments through: \_\_\_\_\_  
Aging days: 30 60 90 120 (i.e. 30,60,90,120)  
Use invoice date: Y (Y=Invoice date, N=Due date)

F3=Exit F5=Printer output F6=Messages F12=Cancel F14=Submitted jobs

Verify request and press Enter to submit the report.

newlook 1.Ramnuc0009.nl

File Session Tools

F3=Exit    F6=Display Contract    F13=Repeat Date to End List    F24=More Keys  
Now processing contract #61087

ENU INS ?

11:34 AM  
8/25/2015

8/05/15 10:50:25

Vendor Master Maintenance

Sys: TERRY 12

Cmp: RM Loc: DMO

Vendor Number : 1 Alt Vnd# \_\_\_\_\_ Type: \_\_ Mode Change  
Sequence Name : UNICAL Group: \_\_ Nat. Acct: Y Y/N  
Name (Printed) : UNICAL Rgn: \_\_ Loc: \_\_\_\_\_  
Address : 123 JOHN LANE Date opened: 7/07/97  
Require PO: N Send PO: N  
City/State/Zip : LONG BEACH CA 90802 Limit Amt: \_\_\_\_\_  
Phone Number : 562-555-1212 Alt \_\_\_\_\_ Fax 562-437-0130  
Contact Name : \_\_\_\_\_ Tax percent: 5.00  
Account Number : 152 Dft # dys for PO: 30 PyAdv: P  
Resale Card Sent: Y (Y/N) Date Sent: 7/07/97 Last Prc. Chg. : \_\_\_\_\_  
Term Days : 10 Fed Id #: SE12345666 Send 1099: Y (Y/N)  
Payment Terms : NET 10 Last Pmt. Date : 11/08/08  
Additional Terms: \_\_\_\_\_ Disc Days: \_\_ Disc %: \_\_\_\_\_  
NIC code: \_\_\_\_\_  
Bus entity: \_\_\_\_\_  
Cash Account # : 11200000001000 Disc date same as due: N  
G/L Distribution: 12610001000100 12610001000100 12470000001000  
12600001000100 12460000001000 Vndr.On Hld For PO/Pyt  
A/P Account # : \_\_\_\_\_  
Req Deliver Note: Pay Meth: \_\_ Vendor option/debit Y: \_\_  
F3=Exit F4=Search F5=Address F12=Previous F17=Contacts F24=More Keys  
Add or change vendor information.

8/05/15 11:01:56

Sales Commission Report

Sys: TERRY 12

Cmp: RM Loc: DMO

Date range: 8/01/15 8/05/15

Sales rep #: (Leave blank for all)

Currency code: USD

Printer/Outq: DVU Copies: 1 Hold: N Save: N

Submit job. . . : Y

Schedule date . : Time. :

Job description : WS

Library . . . : WSDATA12 (\*JOB, \*CURRENT, \*SYSVAL)

Job queue . . . : \*JOB

Library . . . : \*LIBL (\*JOB, \*CURRENT, \*SYSVAL)

Library list. . : \*CURRENT

F3=Exit F12=Previous

pt

8/05/15 11:03:55 Category/Class Availability  
 Cat Clss From Dt. To Date #/Rent Needed Description  
1 1 8/05/15 8/31/15 TEST

Sys: TERRY 12  
 Cmp: RM Loc: DMO

AUGUST, 2015

Mode SINGLE LOC

Sun	Mon	Tue	Wed	Thr	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

F9=Prev Rcd F10=Next Rcd F19=Previous Month F20=Next Month F24=More Keys  
 Change selection criteria or roll up or down through the months.

Lesson

# Size matters



# Lesson

**Don't be a  
more:on!**





7/28/15 10:38:07

Pickup Ticket Inquiry

Sys: TERRY 12  
Cmp: RM Loc: DMO  
Mode Rgn: 100

Position to customer #: \_\_\_\_\_ Position to Job Loc: \_\_\_\_\_  
Type option, press Enter.  
1=Select 5=Display 6=Reprint 7=Fax/Email

Customer name	Contract #	Pickup #	Date	Time	Equip #	Equipment description	QTY	Loc	Days	S
THE INDUSTRIAL CORPORATIO	60348	691	6/10/14	8:00	2166	20' S/GRD STORE	1	DMO	414	0
THE INDUSTRIAL CORPORATIO	60348	692	6/15/14	8:00	2167	20' S/GRD STORE	1	DMO	409	0
THE INDUSTRIAL CORPORATIO	60348	693	6/25/14	8:00	0610220	LEAD CABLE	55	DMO	399	0
THE INDUSTRIAL CORPORATIO	60975	781	6/02/15	16:33	*UNKNOWN	AIR COMPRESSOR 150 TO 185 CFM	1	DMO	57	0
ENGINEERING EXCELLENCE, I	59402	628	7/13/12	15:20	3745	TRENCHER, WALK BEHIND	1	DMO	1111	0
ENGINEERING EXCELLENCE, I	59949	653	1/24/13	14:53	0610220	LEAD CABLE	1	DMO	916	0
ENGINEERING EXCELLENCE, I	59949	653	1/24/13	14:53	0610220	LEAD CABLE	5	DMO	916	0
ENGINEERING EXCELLENCE, I	60116	671	3/18/13	11:16	8085	60 KW GENERATOR	1	DMO	863	0
ENGINEERING EXCELLENCE, I	60124	687	5/23/13	18:00	1918B	BACKHOE, 4WD DIESEL -----	1	DMO	797	0
ENGINEERING EXCELLENCE, I	60124	687	5/23/13	18:00	RR0103136	36" BUCKET FOR 416	1	DMO	797	0
ENGINEERING EXCELLENCE, I	60239	686	5/23/13	12:40	2143	CRAWLER DOZER 105-200 HP	1	DMO	797	0
IKEA	55278	624	3/29/12	13:02	0411000	PROPANE TANK LIQUID	1	DMO	1217	0
ADVANCED CONSTRUCTION	60502	719	10/23/14	17:56	0100612	BIT, AUGER 12"	3	DMO	279	0
ADVANCED CONSTRUCTION	60502	719	10/23/14	17:56	0110268	SES GREEN	10	DMO	279	0
ADVANCED CONSTRUCTION	60503	719	10/23/14	17:56	0100618	BIT, AUGER 18"	1	DMO	279	0
MARY ROCK	60401	696	8/27/14	8:00	1092	JOHN DEERE 4045D	1	DMO	336	0

More...

F3=Exit F4=Search F7=Toggle F11=Detail F12=Previous F24=More Keys  
Select option and press Enter to continue.

8/05/15 10:52:09

Requisition Maintenance

Sys: TERRY 12  
Cmp: RM Loc: DMO  
Region: 100

Options: 2=Change 3=Filled (not from PO) 4=Delete 5=Display 6=Print 7=Authorize 8=Display PO

Status: 0 (0=Open C=Close P=Purchase Order A=Authority - Leave Blank for all

Item types: \_ \_ \_ \_ (P/M/E) From/to date: \_ \_ \_ \_ 99/99/99

Project: \_ \_ \_ PO #: \_ \_ \_ Equipment: \_ \_ \_

O	Reqstn#	Quantity	Loc	Rqs date	Vendor	Employee	Contract	Tp	Item number	S	A	Due date	Maint by
	101	1.00	DMO	12/14/06	4	BRUSER		PA	*123123	O	C	12/15/06	SDETWILER
Avl Qty:			Rsv Qty:		Pr:	PO:	Eqp:		Ex dt:	1/13/07	Cmnt:		
	105	1.00	DMO	1/27/07	24	DCLARK	102619	SO	119	O	C	1/28/07	
Avl Qty:	203.00		Rsv Qty:		Pr:	PO:	Eqp:		Ex dt:	2/26/07	Cmnt:		
	106	5.00	DMO	1/27/07	47	DCLARK	102624	SO	PLQP	O	C	1/28/07	DCLARK
Avl Qty:	10.00		Rsv Qty:		Pr:	PO:	Eqp:		Ex dt:	2/26/07	Cmnt:		
	115	1.00	0049	2/01/07	28	SEASTER		PA	P185X75	O	C	2/02/07	
Avl Qty:			Rsv Qty:		Pr:	PO:	Eqp:		Ex dt:	3/03/07	Cmnt:		
	117	1.00	DMO	2/08/07		JILL	102809	SO	*JILLISCOOL	O	C	2/09/07	
Avl Qty:			Rsv Qty:		Pr:	PO:	Eqp:		Ex dt:	3/10/07	Cmnt:		
	125	192.00	DMO	5/15/07	3	MIKE	103180	SO	AIR FILTER	O	C	5/16/07	
Avl Qty:	6923.00		Rsv Qty:		Pr:	PO:	Eqp:		Ex dt:	6/14/07	Cmnt:		
	138	5.00	DMO	1/18/08	6	JEFF	54049	SO	DUCK TAPE	O	C	1/19/08	
Avl Qty:	2.00		Rsv Qty:		Pr:	PO:	Eqp:		Ex dt:	2/17/08	Cmnt:		
	141	100.00	DMO	4/09/08	22	JEFF		RO	PH8A	O	C	4/10/08	JLABL
Avl Qty:	539.00		Rsv Qty:		Pr:	PO:	5738	Eqp:		Ex dt:	5/09/08	Cmnt:	

More...

F5=Refresh F12=Previous F17/F18=Top/Bottom

F24=More Keys

Select option or change filters and press Enter.



8/05/15 09:21:11

Equipment #: AAAAAA  
Cat/class/sub: 10 11  
Current status: A AVAIL  
Make: MAKE  
Serial #: OW3U4

Tax rental: Y (Y/N)  
Assigned loc: DMO  
Date acquired: 1/26/0  
Date in rental: 12/01/0  
Mi/Hr code: H (M/H)  
Mi/Hr code 2: M (M/H)  
Split rent code: Perma  
Regu

Sell price: 49560  
Sold amount: 48560  
Last maint date:  
Date in shop:  
Last service:  
Misc:

F2=Cost F3=Exit F4=Srch  
Complete equipment inform

Equipment Maintenance

Original equip #: \_\_\_\_\_ Converted From #:  
TRACTOR

Type: R RENTAL  
Model year: 05 Cfg#: \_\_\_\_\_  
Tax Product#: \_\_\_\_\_

Equip link: AAAAAA  
Sales (Y/N): Y G/L typ: C Mtrl cd: \_\_\_\_\_  
Current loc: DMO Last loc: HTB Yard:

Year acqrd: 45 P.O. #:  
Warranty date: 10/14/12 Last trns date: 3/24/14  
Mi/Hr: 45.000 Old Mi/Hr: \_\_\_\_\_ Rating:  
Mi/Hr 2: 100.000 Old Mi/Hr 2: \_\_\_\_\_ Application:

Transfer: Off road: Y Key#: \_\_\_\_\_  
Low High Special Cur  
USD

For sale: Y Nm lst: \_\_\_\_\_  
Group 1: \_\_\_\_\_  
Group 2: \_\_\_\_\_  
Group 3: \_\_\_\_\_

Test: \_\_\_\_\_

F5=Specs F8=Ins F11=Cyc Hst F16=Mak/Mod F24=More  
d press Enter to continue.

Sys: TERRY 12  
Cmp: RM Loc: DMO  
Mode: CHANGE



8/05/15 09:2

Equipment #:
Cat/class/sub
Current statu
Make:
Serial #:

Tax rental:
Assigned loc
Date acquired
Date in renta
Mi/Hr code:
Mi/Hr code 2
Split rent co

Sell price:
Sold amount:
Last maint da
Date in shop
Last service
Misc:

F2=Cost F3=Ex
Complete equi

Alternate equip #: \_\_\_\_\_ Converted From #: \_\_\_\_\_  
 11 18' TRACTOR  
 AVAILABLE Type: R RENTAL  
 Model: MODEL Model year: 05 Cfg#: \_\_\_\_\_  
 Tax Product#: \_\_\_\_\_ Equip link: AAAAAA  
 Tax sales (Y/N): Y G/L typ: C Mtrl cd: \_\_\_\_\_  
 Current loc: DMO Last loc: HTB Yard: \_\_\_\_\_  
 Vendor acqrd: 45 P.O. #: \_\_\_\_\_  
 Warranty date: 10/14/12 Last trns date: 3/24/14  
 Curr Mi/Hr: 45.000 Old Mi/Hr: \_\_\_\_\_ Rating: \_\_\_\_\_  
 Curr Mi/Hr 2: 100.000 Old Mi/Hr 2: \_\_\_\_\_ Application: \_\_\_\_\_  
 permanent transfer: Off road: Y Key#: \_\_\_\_\_  
 Regular \_\_\_\_\_ Low \_\_\_\_\_ High \_\_\_\_\_ Special \_\_\_\_\_ Cur \_\_\_\_\_  
 50.00 \_\_\_\_\_ USD  
 50.00 Disp dt: For sale: Y Nm lst: \_\_\_\_\_  
 Comment: \_\_\_\_\_ Grp1: \_\_\_\_\_  
 Put in shop by: \_\_\_\_\_ Grp2: \_\_\_\_\_  
 Service contract: N Grp3: \_\_\_\_\_  
 Test: \_\_\_\_\_

F6=Mag F7=Spec F8=Ins F11=Cvg Hat F16=Mat/Mod F24=More

TERRY 12
RM Loc: DMO
CHANGE



8/05/15 09:21:11

Equipment Maintenance

Equipment #: AAAAAA    Alternate equip #: \_\_\_\_\_    Converted From #:  
Cat/class/sub: 10 111    18' TRACTOR  
Current status: A AVAILABLE    Type: R RENTAL  
Make: MAKE    Model: MODEL    Model year: 05 Cfg#: \_\_\_\_\_  
Serial #: OW3U4    Tax Product#: \_\_\_\_\_  
Equip link: AAAAAA  
Tax rental: Y (Y/N)    Tax sales (Y/N): Y    G/L typ: C    Mtrl cd: \_\_\_\_\_  
Assigned loc: DMO    Current loc: DMO    Last loc: HTB    Yard: \_\_\_\_\_  
Date acquired: 1/26/05    Vendor acqrd: 45    P.O. #: \_\_\_\_\_  
Date in rental: 12/01/03    Warranty date: 10/14/12    Last trns date: 3/24/14  
Mi/Hr code: H (M/H/U)    Curr Mi/Hr: 45.000    Old Mi/Hr: \_\_\_\_\_    Rating: \_\_\_\_\_  
Mi/Hr code 2: M (M/H/U)    Curr Mi/Hr 2: 100.000    Old Mi/Hr 2: \_\_\_\_\_    Application: \_\_\_\_\_  
Split rent code: -    Permanent transfer: \_\_\_\_\_    Off road: Y    Key#: \_\_\_\_\_  
                  Regular    \_\_\_\_\_    Low    \_\_\_\_\_    High    \_\_\_\_\_    Special    \_\_\_\_\_    Cur  
Sell price: 49560.00    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    USD  
Sold amount: 48560.00    Disp dt: \_\_\_\_\_    For sale: Y    Nm lst: \_\_\_\_\_  
Last maint date: \_\_\_\_\_    Comment: \_\_\_\_\_    Grp1: \_\_\_\_\_  
Date in shop: \_\_\_\_\_    Put in shop by: \_\_\_\_\_    Grp2: \_\_\_\_\_  
Last service: \_\_\_\_\_    Service contract: N    Grp3: \_\_\_\_\_  
Misc: \_\_\_\_\_    Test: \_\_\_\_\_

F2=Cost F3=Exit F4=Srch F6=Msg F7=Specs F8=Ins F11=Cyc Hst F16=Mak/Mod F24=More  
Complete equipment information and press Enter to continue.

Sys: TERRY 12  
Cmp: RM Loc: DMO  
Mode: CHANGE

8/05/15 09:21:11

Equipment Maintenance

Sys: TERRY 12  
Cmp: RM Loc: DMO  
Mode: CHANGE

Equipment #: AAAAAA Alternate equip #: \_\_\_\_\_ Converted From #:  
Cat/class/sub: 10 111 18' TRACTOR  
Current status: A AVAILABLE Type: R RENTAL  
Make: MAKE Model: MODEL Model year: 05 Cfg#: \_\_\_\_\_  
Serial #: OW3U4 Tax Product#: \_\_\_\_\_ Equip link: AAAAAA  
Tax rental: Y (Y/N) Tax sales (Y/N): Y G/L typ: C Mtrl cd: \_\_\_\_\_  
Assigned loc: DMO Current loc: DMO Last loc: HTB Yard: \_\_\_\_\_  
Date acquired: 1/26/05 Vendor acqrd: 45 P.O. #: \_\_\_\_\_  
Date in rental: 12/01/03 Warranty date: 10/14/12 Last trns date: 3/24/14  
Mi/Hr code: H (M/H/U) Curr Mi/Hr: 45.000 Old Mi/Hr: \_\_\_\_\_ Rating: \_\_\_\_\_  
Mi/Hr code 2: M (M/H/U) Curr Mi/Hr 2: 100.000 Old Mi/Hr 2: \_\_\_\_\_ Application: \_\_\_\_\_  
Split rent code: - Permanent transfer: \_\_\_\_\_ Off road: Y Key#: \_\_\_\_\_  
Regular Low High Special Cur  
Sell price: 49560.00 USD  
Sold amount: 48560.00 Disp dt: \_\_\_\_\_ For sale: Y Nm lst: \_\_\_\_\_  
Last maint date: \_\_\_\_\_ Comment: \_\_\_\_\_ Grp1: \_\_\_\_\_  
Date in shop: \_\_\_\_\_ Put in shop by: \_\_\_\_\_ Grp2: \_\_\_\_\_  
Last service: \_\_\_\_\_ Service contract: N Grp3: \_\_\_\_\_  
Misc: \_\_\_\_\_ Test: \_\_\_\_\_

F2=Cost F3=Exit F4=Srch F6=Msg F7=Specs F8=Ins F11=Cyc Hst F16=Mak/Mod F24=More  
Complete equipment information and press Enter to continue.

Equipment #	AAAAAA	Alternate equip #		Converted From #		Crp RN Loc: DMO
Cat/class/sub	10 111	18' TRACTOR				ModeCHANGE
Current status	A AVAILABLE	Type	R RENTAL			
Make	MAKE	Model	MODEL	Model year	05	Cfg#
Serial #	0w3U4	Tax Product#				
Tax rental	<input checked="" type="checkbox"/> (Y/N)	Tax sales (Y/N)	<input checked="" type="checkbox"/>	Equip link	AAAAAA	
Assigned loc	DMO	Current loc	DMO	G/L typ	C	Ntr1 cd
Date acquired	1/26/05	Vendor acqrd	45	Last loc	HTB	Yard
Date in rental	12/01/03	Warranty date	10/14/12	P.O. #		
Mi/Hr code	H (M/H/U)	Curr Mi/Hr	45.000	Last trns date	3/24/14	Rating
Mi/Hr code 2	M (M/H/U)	Curr Mi/Hr 2	100.000	Old Mi/Hr		Application
Split rent code	<input type="checkbox"/> Permanent transfer	off road	<input checked="" type="checkbox"/>	Key#		
Sell price	Regular 49560.00	Low		High		Special
Sold amount	48560.00	Disp dt		For sale	<input checked="" type="checkbox"/>	Nr 1st
Last maint date		Comment		Grp1		
Date in shop		Put in shop by		Grp2		
Last service		Service contract	<input type="checkbox"/>	Grp3		
Misc		Test				



Equipment #	AAAAAA	Alternate equip #		Converted From #	
Cat/class/sub	10 111	18' TRACTOR			
Current status	A AVAILABLE	Type	R RENTAL		
Make	MAKE	Model	MODEL	Model year	05 Cfg#
Serial #	0W3U4	Tax Product#			
Tax rental	<input checked="" type="checkbox"/> (Y/N)	Tax sales (Y/N)	<input checked="" type="checkbox"/>	Equip link	AAAAAA
Assigned loc	DND	Current loc	DND	G/L typ	C Mtr1 cd
Date acquired	1/26/05	Vendor acqrd	45	Last loc	HTB Yard
Date in rental	12/01/03	Warranty date	10/14/12	P.O. #	
Ni/Hr code	H (N/H/U)	Curr Ni/Hr	45.000	Last trns date	3/24/14
Ni/Hr code 2	M (N/H/U)	Curr Ni/Hr 2	100.000	Old Ni/Hr	Rating
Split rent code	<input type="checkbox"/> Permanent transfer	off road	<input checked="" type="checkbox"/>	Old Ni/Hr 2	Application
	Regular	Low	High	Special	Cur
Sell price	49560.00				USD
Sold amount	48560.00	Disp dt	For sale	<input checked="" type="checkbox"/> Nm 1st	
Last maint date		Comment		Grp1	
Date in shop		Put in shop by		Grp2	
Last service		Service contract	<input type="checkbox"/>	Grp3	

### Equipment Maintenance

Sys: TERRY 12  
Cmp: RM Loc: DMO  
Mode: CHANGE

Equipment #: AAAAAA Alt  
Cat/class/sub: 10 111 18'  
Current status: A AVAILABLE  
Make: MAKE Mod  
Serial #: OW3U4

Tax rental: Y (Y/N) Tax  
Assigned loc: DMO Cur  
Date acquired: 1/26/05 Ven  
Date in rental: 12/01/03 War  
Mi/Hr code: H (M/H/U) Cur  
Mi/Hr code 2: M (M/H/U) Cur  
Split rent code: Permanent tr

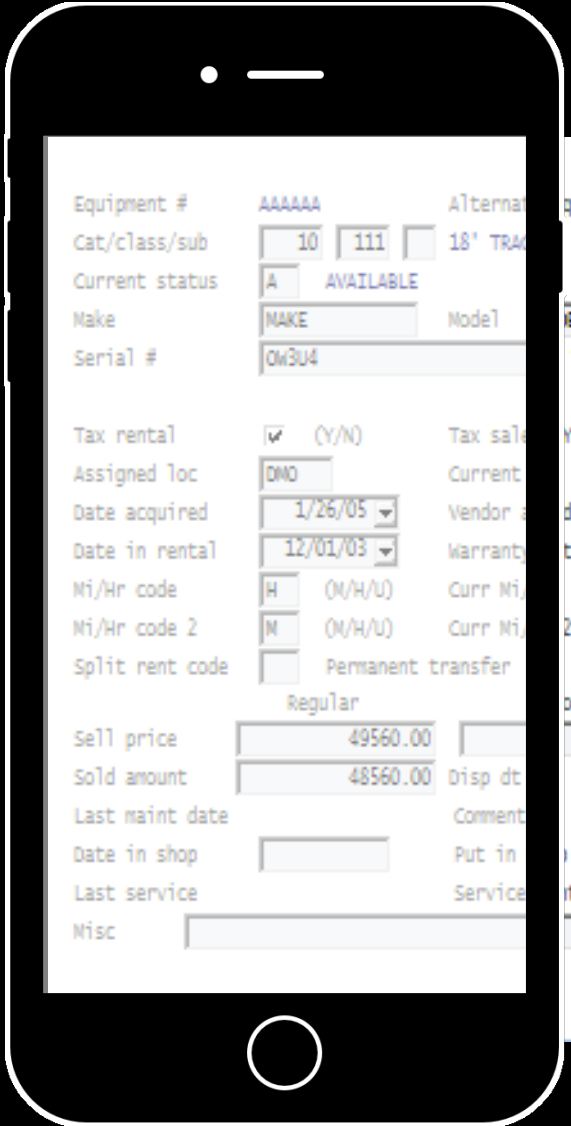
Sell price: 49560.00  
Sold amount: 48560.00 Dis  
Last maint date: C  
Date in shop: P  
Last service: S  
Misc:

ate equip #: \_\_\_\_\_ Converted From #:  
ACTOR  
Type: R RENTAL  
MODEL Model year: 05 Cfg#: \_\_\_\_\_  
Tax Product#: \_\_\_\_\_

Equip link: AAAAAA  
les (Y/N): Y G/L typ: C Mtrl cd: \_\_\_\_\_  
t loc: DMO Last loc: HTB Yard: \_\_\_\_\_  
acqrd: 45 P.O. #: \_\_\_\_\_  
ty date: 10/14/12 Last trns date: 3/24/14  
i/Hr: 45.000 Old Mi/Hr: \_\_\_\_\_ Rating: \_\_\_\_\_  
i/Hr 2: 100.000 Old Mi/Hr 2: \_\_\_\_\_ Application: \_\_\_\_\_  
fer: Off road: Y Key#: \_\_\_\_\_  
Low High Special Cur  
USD

For sale: Y Nm lst: \_\_\_\_\_  
ent: \_\_\_\_\_ Grp1: \_\_\_\_\_  
in shop by: \_\_\_\_\_ Grp2: \_\_\_\_\_  
ice contract: N Grp3: \_\_\_\_\_  
Test: \_\_\_\_\_

Specs F8=Ins F11=Cyc Hst F16=Mak/Mod F24=More  
and press Enter to continue.



Equipment #	AAAAAA	Alternat
Cat/class/sub	10 111	18' TRM
Current status	A AVAILABLE	
Make	MAKE	Model
Serial #	0M3U4	
Tax rental	<input checked="" type="checkbox"/> (Y/N)	Tax sale
Assigned loc	DMD	Current
Date acquired	1/26/05	Vendor #
Date in rental	12/01/03	Warranty
Mi/Hr code	H (M/H/U)	Curr Mi
Mi/Hr code 2	M (M/H/U)	Curr Mi
Split rent code	<input type="checkbox"/> Permanent transfer	
	Regular	
Sell price	49560.00	
Sold amount	48560.00	Disp dt
Last maint date		Comment
Date in shop		Put in
Last service		Service
Misc		

Equip #		Converted From #		Corp RM Loc: DMD
				Mode: CHANGE
	Type	<input checked="" type="checkbox"/> R RENTAL		
REL	Model year	05	Cfg#	
Tax Product#				
	Equip link	AAAAAA		
Y/N	<input checked="" type="checkbox"/>	G/L typ	<input checked="" type="checkbox"/> C	Ntrl cd
	DMD	Last loc	HTB	Yard
d	45	P.O. #		
te	10/14/12	Last trns date	3/24/14	
	45.000	Old Mi/Hr		Rating
2	100.000	Old Mi/Hr 2		Application
		Off road	<input checked="" type="checkbox"/>	Key#
DM	High	Special	Cur	
			USD	
	For sale	<input checked="" type="checkbox"/>	Nr 1st	
			Grp1	
			Grp2	
			Grp3	
	Test			

# Lesson

**There is no  
ESC key  
on a tablet**



# Category/Class



Category/Class	Description	Available
100-0100	TANK 21K GAL OPEN TOP	
100-0200	TANK 21K GAL OPEN TOP LINED	
100-0500	TANK 21K GAL OPEN TOP COILS	
100-0700	TANK 21K GAL OPEN ACCESS	
100-1000	TANK 21K GAL CLOSED TOP	
100-1500	TANK 21K GAL CLOSED TOP COILS	
100-2000	TANK 21K GAL SAFE TOP	
100-2010	TANK 21K GAL SAFE TOP SHORT	
100-2500	TANK 21K GAL SAFE TOP COILS	
100-2510	TANK 21K GAL SAFE TOP COILS SHOR	
100-3000	TANK 21K GAL EZ ACCESS	10
100-3010	TANK 21K GAL EZ ACCESS SHORT	4

✕

A

Availability

M

Make/Model

R

Rating/Contents



# SELECT OPTION



OK

## MENU OPTIONS

BROKERS SELECTION

PLEROMA

Personal Lines

Commercial Lines



Up

Dn



Signoff



# SELECT OPTION



OK



## MENU OPTIONS

BROKERS SELECTION

PLEROMA

Personal Lines

Commercial Lines



Up

Dn



Signoff



# SELECT OPTION



## MENU OPTIONS

BROKERS SELECTION

PLEROMA

Personal Lines

Commercial Lines



Signoff





# SELECT OPTION



## MENU OPTIONS

BROKERS SELECTION

PLEROMA

Personal Lines

Commercial Lines



Dn



Signoff



# Display Messages

Queue  
Library  
Severity

LOOKTEST  
QUSRSYS  
00

\*DSPMSG  
\*BREAK

### User System Tasks ✕

Task
Work with your OUTQ
Change your PASSWORD
Change your EMAIL ADRESS
Send a Short MESSAGE
Display your MESSAGES
Work with your SPOOLFILES
Work with your SBMJOBS
View/Copy Reports to PC
Display *LDA

Up    Dn    OK



MENU OPTIONS

POLICY ADMIN

Client Maintenance

Information



Application

- Version: GET-A-FIX - V10.1.03
- Current screen: SECOP01UN - PLEROMA - TEST MODE - PERSONAL LINES

System

- System: S656E04F
- Subsystem: QINTER
- Device: @LOOKSMA

For assistance, Email us at [info@procuro.co.za](mailto:info@procuro.co.za)

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# PLEROMA LIST OF CLIENTS



Exclude Canceled Clients B

Search

Motor

or Surname

or Pa

July, 2007

Su	Mo	Tu	We	Th	Fr	Sa
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

Today: August 25, 2015

7/04

Init

Number

Cur Client Number

Client Number	Client I	Broker	Insurer	Alert Status
453778	ABBOTT		Pro	
452211	ADAM O	OPSPARK	Pro	Quoted
453634	ADAM S	VALLEY	Pro	
453477	AHLERS JR MNR - THATCHERS FIELDSTRAAT 270 LYNNWOOD		Pro	
450640	AINSLIE B MEV - CORFU NO 3 SCOTTY STRAAT		Pro	
453212	AINSLIE C M MEV - STONE GARDEN NOORD NO 11 MONAVONI		Pro	Cancelled
453215	AINSLIE CM MEV - ALPHENSINGEL 9 THE REEDS X20		Pro	Quoted
451373	AINSLIE JA MNR - KLARADYNLAAN 67 PELLISIER		Pro	
453843	ALBERTYN J MNR - TORTELDUIFSTRAAT 92 WIERDA PARK EKS 1		Pro	
843	ALBERTYN JW MNR - ROBBINSTRAAT 24 YELLOWWOOD PARK		SAB	
451963	ALERS DL MRS - 26 IRELAND LOW VALHALLA		SAB	Cancelled
717	ALLADIN I MR - 187 MUSTANG STREET PIERRE VAN RYNEVELD		Pro	Cancelled
450120	ALLEN HAE MR - 277 CAPE ROAD COTSWOLD		SAB	Cancelled



Up

Dn



Quotes History

Quotes

Live Mode

Add

# Work with Output Queue

Queue PLAY Library

Status RLS

File	User	User Data	Pages	Copies	Form Type	Pty
QPRINT	PLAY	BRKES16	1	1	*STD	
QPRINT	PLAY2	BRKES51	1	1	*STD	
QPRINT2	PLAY2	BRKEV07P	1	1	*STD	
QPRINT	PLAY2	BRKEV07P	1	1	*STD	
QPRINT	PLAY2	BRKES16	1	1	*STD	
QPRINT	PLAY2	BRKES16	1	1	*STD	
QPRINT	PLAY2	BRKES16	1	1	*STD	
QPDZDTALOG	PLAY4		1	1	*STD	
QLAZ	PLAY4	BRKED06	3	1	*STD	

- 1 Send
- 2 Change
- 3 Hold
- 4 Delete
- 5 Display
- 6 Release
- 7 Messages
- 8 Attributes
- 9 Work with printing status



# Display Spooled File



File

QPRINT

Control



Find

\*...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...0...+...1...

ÄBRKES16

SMART CREDIT ADMINISTRATORS

13/0

PLAY

=====

15:0

## C L A I M F O R M

=====

CLAIM NBR.....: 1508 ABEGGLEN WJ  
 CLIENT NBR.....: 103196 OLD POLICY NBR: 000000000001661 INCEPTION DATE: 2006/11/23  
 BROKER.....: 63100 AGENT.....: 953 BIKESURE BROKE  
 PHONE.....: (W) 021 529 9600 (H) 021 913 6650  
 ADDRESS.....: 32 LANDS KROON ROAD, VAN RIEBEECKSHOF, DURBANVILLE, 7550  
 CLAIM TYPE.....: MOTORCYCLES  
 ITEM DESCRIPTION...: 333-Aeon-Quad - TBA  
 DATE OF LOSS.....: 2013/04/29 DATE REPORTED: 2013/04/30  
 AREA OF ACCIDENT...: BRAKPAN DRIVER AGE...: 46  
 ESTIMATED AMOUNT...: .00 EXCESS AMOUNT: .00  
 PAID OUT AMOUNT....: .00 DATE CLOSED..  
 3RD PARTY TYPE.....: ESTIMATE: .00 DATE CLOSED  
 CLAIM DESCRIPTION..: CLIENT BIKE WAS PARKED INFRONT OF HOUSE BEHIDE LOC  
 EKED GATE.

PREV. CLAIMS



Up

Dn



...

Right

Left

Select Users

User	Description
*ALL	All users enrolled on system
*ALLACT	All signed-on (active) users
*SYSOPR	System Operator
ADRI	Adri Burger – Procuero (Tembo)
ADSERO	Adsero Optima (Owner)
ALAN	Alan van Rensburg – IRONHORSE
ALBERT	Albert Bergh
ALEXIS	ALEXIS COE
ALICIA	Alicia Pheiffer
ALME	Alme van den
AMANDAL	Amanda Lloyd
AMANDAV	Amanda Venter – ADU Algerdon
AMANDAVEN	Amanda Venter – Amicos
ANDRIESM	Andries Maseko Claims– CREDIT SMART
ANGELAF	Angela Frederic –TWK (AUO PTA)

**Message** ✕

Function key not allowed.

# Lesson

**Hey!**  
**Where is my iPad?**







## Guidelines for Securing Mobile Computing Devices

Smart phones, tablets, laptop computers, USB memory (aka thumb drives) are convenient and easy to use. They also introduce risk to personal privacy and University data. This document outlines guidelines regarding the use of these mobile devices in the Stanford computing environment.

### Risks of Mobile Computing

Mobile computing devices can store large amounts of data, are highly portable and are frequently unprotected: They are easy to steal or lose, and unless precautions are taken, an unauthorized person can gain access to the information stored on them or accessed through them. Even if not stolen or lost, intruders can sometimes gain all the access they need if the device is left alone and unprotected, if data is "sniffed out of the air" during wireless communications, or if malware is installed. The results can include crippled devices, personal data loss, disclosure of non-public University data, and disciplinary actions for the device owner.

Mobile computing devices are of concern both because of the data that might be stored on them, and because they may provide access to other services that store or display non-public data. This access may be enabled because the mobile device contains passwords or security certificates that identify the device or its user to the email system, Virtual Private Networks (VPNs), or other applications.

### Data Security Requirements

The best way to protect University data is to remove unnecessary data from your computer. In particular, Prohibited data must not be stored on your system or device unless you have explicit permission from the [Data Governance Board](#) to do so. Prohibited data includes items such as Social Security Numbers, credit card numbers, or checking account numbers. Restricted data is also

#### AWARENESS

- Time-Sensitive Security Alerts
- General Security Announcements
- Communications from Senior University Management
- Computer Security FAQ
- Computer Security Myths
- Phishing: How hackers use social engineering to get your data
- About harassing emails
- Security training
- *Advanced: Formal Stanford Policies*
- *Advanced: Other Security Policies*

#### ANALYSIS

- Stanford Data Classification
- Handling prohibited and restricted data FAQ
- Security guidelines
- Security review process
- Guided risk self-assessment questions
- Identity Finder

#### ACTION

- Set a strong password
- BigFix: Configuration and Patch Management
- Bit9: Application Control

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SEARCH

**StaySafeOnline.org**  
Powered by National Cyber Security Alliance



STOP | THINK | CONNECT

I WANT TO  
**Stay Safe Online**

I WANT TO  
**Teach Online Safety**

I WANT TO KEEP MY  
**Business Safe Online**

I WANT TO  
**Get Involved**

Learn how to protect yourself, your family and your devices with these tips and resources.



## STAY SAFE ONLINE

[General Online Safety Resources](#)

[Keep a Clean Machine](#)

[Protect Your Personal Information](#)

[For Parents](#)

[Mobile & On-The-Go](#)

[Mobile Devices](#)

[Mobile Parental Controls](#)

[Resources](#)

[Free Security Check](#)

## MOBILE DEVICES

Today's mobile devices are as powerful and connected as any PC or laptop. Take the same precautions on your mobile device as you do on your computer with regard to messaging and online safety. The first step is STOP. THINK. CONNECT.

### Keep a Clean Machine

Mobile devices are computers with software that need to be kept up-to-date (just like your PC, laptop or tablet). Security protections are built in and updated on a regular basis. Take time to make sure all the mobile devices in your house have the latest protections. This may require synching your device with a computer.

- **Keep security software current:** Having the latest mobile security software, web browser, and operating system are the best defenses against viruses, malware and other online threats.
- **Protect all devices that connect to the Internet:** Computers, smartphones,

### Resources to Download:



[Mobile Tip Sheet \(PDF\)](#)

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- MOBILE DEVICES
- Today's mobile devices are as powerful and connected as any PC or laptop.
- Take the same precautions on your mobile device as you do on your computer with regard to messaging and online safety.
- The first step is STOP. THINK. CONNECT.

# National Cyber Security Alliance



- Keep a Clean Machine
  - Keep security software current
  - Protect all devices that connect to the Internet
- Protect Your Personal Information
  - Secure your phone
  - Think before you app
  - Only give your mobile number out to people you know and trust
  - Learn how to disable the geotagging feature on your phone

# National Cyber Security Alliance



- Connect with Care
  - Get savvy about Wi-Fi hotspots
  - Protect your \$\$
  - When in doubt, don't respond
- Be Web Wise
  - Stay current. Keep pace with new ways to stay safe online
  - Know how to cell block others
  - Use caution when meeting face-to-face with someone who you only "know" through text messaging
- Be a Good Online Citizen
  - Safer for me and more secure for all
  - Text to others only as you would have them text to you
  - Only give your mobile number out to people you know and trust
  - Get permission before taking pictures or videos of others with your phone

Lesson

# Plug something in





# Responsive Web Design



- HTML Tutorial
- HTML HOME
- HTML Introduction
- HTML Editors
- HTML Basic
- HTML Elements
- HTML Attributes
- HTML Headings
- HTML Paragraphs
- HTML Styles
- HTML Formatting
- HTML Quotations
- HTML Computercode
- HTML Comments
- HTML CSS
- HTML Links
- HTML Images
- HTML Tables
- HTML Lists
- HTML Blocks
- HTML Classes
- HTML Layout
- HTML Responsive**
- HTML Iframes
- HTML Color Names

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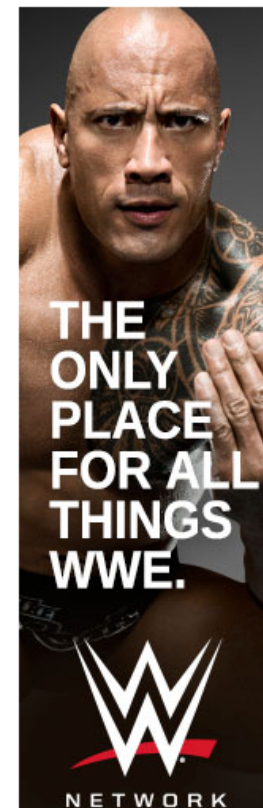
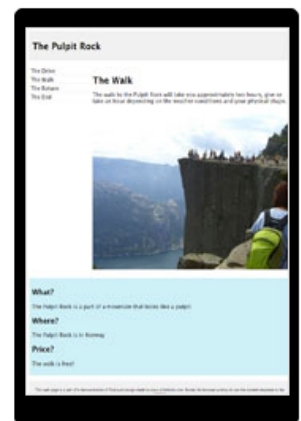
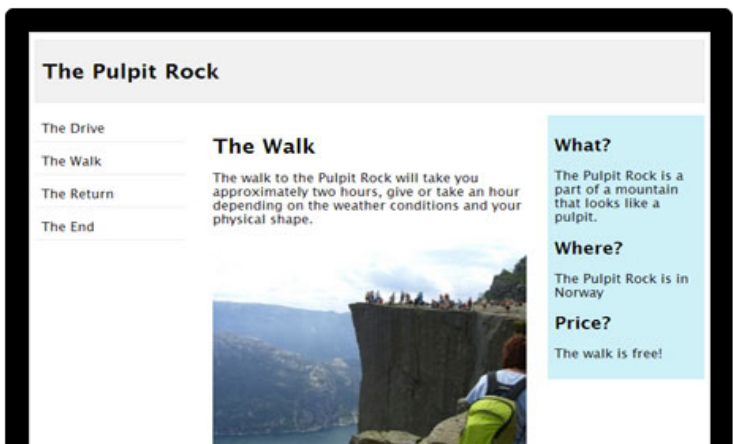
## HTML Responsive Web Design

[« Previous](#)

[Next Chapter »](#)


### What is Responsive Web Design?



- RWD stands for Responsive Web Design
- RWD can deliver web pages in variable sizes
- RWD is a must for tablets and mobile devices



# jQuery mobile



Plugins Contribute Events Support jQuery Foundation



Your donations help fund the continued development and growth of jQuery.

[SUPPORT THE PROJECT](#)

[Demos](#) [Download](#) [API Documentation](#) [Themes](#) [Resources](#) [Blog](#) [About](#)

## A Touch-Optimized Web Framework


jQuery Mobile is a HTML5-based user interface system designed to make responsive web sites and apps that are accessible on all smartphone, tablet and desktop devices.

[Download jQuery Mobile](#)  
[Custom download](#)  
[Latest stable](#)  
Version 1.4.5  
jQuery 1.8 - 1.11 / 2.1

### Seriously cross-platform with HTML5

jQuery Mobile framework takes the "write less, do more" mantra to the next level: Instead of writing unique applications for each mobile device or OS, the jQuery mobile framework allows you to design a single highly-branded responsive web site or application that will work on all popular smartphone, tablet, and desktop platforms.

[Browser Support](#)



### Developer Links

- [Source Code \(GitHub\)](#)
- jQuery Mobile Git (WIP Build)
  - [JavaScript](#)
  - [CSS](#)
- [Report an issue](#)
- [Browser Support](#)
- [Changelogs](#)



# Sencha touch



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## Sencha Touch

The leading cross-platform mobile web application framework based on HTML5 and JavaScript for creating universal mobile apps.



[OVERVIEW](#)

[RESOURCES](#)

## Create native-looking HTML5 apps using JavaScript

Sencha Touch is the leading MVC-based JavaScript framework for building cross-platform mobile web applications. Sencha Touch leverages hardware acceleration techniques to provide high-performance UI components for mobile devices.

With over 50 built-in UI components and native looking themes for all major mobile platforms, Sencha Touch provides everything you need to create impressive apps that work on iOS, Android, BlackBerry, Windows Phone, and more. A novel and adaptive layout engine, fluid animations, and smooth scrolling features allow developers to build applications that respond to user actions nearly instantaneously, much like native

[DOWNLOAD FOR FREE](#)

[CONTACT SALES TO BUY SUPPORT](#)

### GETTING STARTED

[Quick Start Guide](#)

[Sign up for Training](#)

### CUSTOMER QUOTES

“Sencha Touch gave us the freedom to design

# Lessons!



# Lessons (some of them)



- Make up your mind
- You better have a bunch of mobile devices
- Become a user
- Read books/Watch videos
- Take advice
- Get smart
- Understand UX
- Learn about colour design
- Never let a programmer design a user interface
- The way you code RPG won't work any more
- Green is long gone.. Forget it!
- Change your vernacular
- Size matters
- Don't be a more:on
- There is no ESC key on a tablet
- Hey! Where is my tablet?
- Plug something in

# Lessons Learned building IBM i Mobile Applications

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