



Social Media Apps Programming

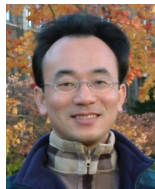
jQuery Mobile

1021SMAP06

TLMXM1A (8687) (M2143) (Fall 2013)

(MIS MBA) (2 Credits, Elective) [Full English Course]

Thu 9,10 (16:10-18:00) V201



Min-Yuh Day, Ph.D.

Assistant Professor

Department of Information Management

Tamkang University

<http://mail.tku.edu.tw/myday>



Course Schedule (1/3)

Week Date Subject/Topics

- 1 2013/09/19 Mid-Autumn Festival (Day off)
- 2 2013/09/26 Course Orientation and Introduction to Social Media and Mobile Apps Programming
- 3 2013/10/03 Introduction to Android / iOS Apps Programming
- 4 2013/10/10 Double Tenth Day (Day off)
- 5 2013/10/17 Developing Android Native Apps with Java (Eclipse) (MIT App Inventor)
- 6 2013/10/24 Developing iPhone / iPad Native Apps with Objective-C (Xcode)

Course Schedule (2/3)

Week Date Subject/Topics

- 7 2013/10/31 Mobile Apps using HTML5/CSS3/JavaScript
- 8 2013/11/07 jQuery Mobile
- 9 2013/11/14 Create Hybrid Apps with Phonegap
- 10 2013/11/21 Midterm Exam Week (Midterm Project Report)
- 11 2013/11/28 jQuery Mobile/Phonegap
- 12 2013/12/05 Invited Talk:
Social, Mobile and Business Model in PIXNET
[Invited Speaker: Dr. Rick Cheng-Yu Lu]

Course Schedule (3/3)

Week	Date	Subject/Topics
• 13	2013/12/12	Google App Engine and Google Map API
• 14	2013/12/19	Facebook API (Facebook JavaScript SDK) (Integrate Facebook with iOS/Android Apps)
• 15	2013/12/26	Twitter API
• 16	2014/01/02	Case Study on Social Media Apps Programming and Marketing in Google Play and App Store
• 17	2014/01/09	Final Project Presentation
• 18	2014/01/16	Final Exam Week (Final Project Report)

Outline

- jQuery Mobile
 - JavaScript Library
 - jQuery
 - jQuery UI
- Demo
 - Building Mobile Apps with JQuery Mobile



Android /iOS Apps Programming

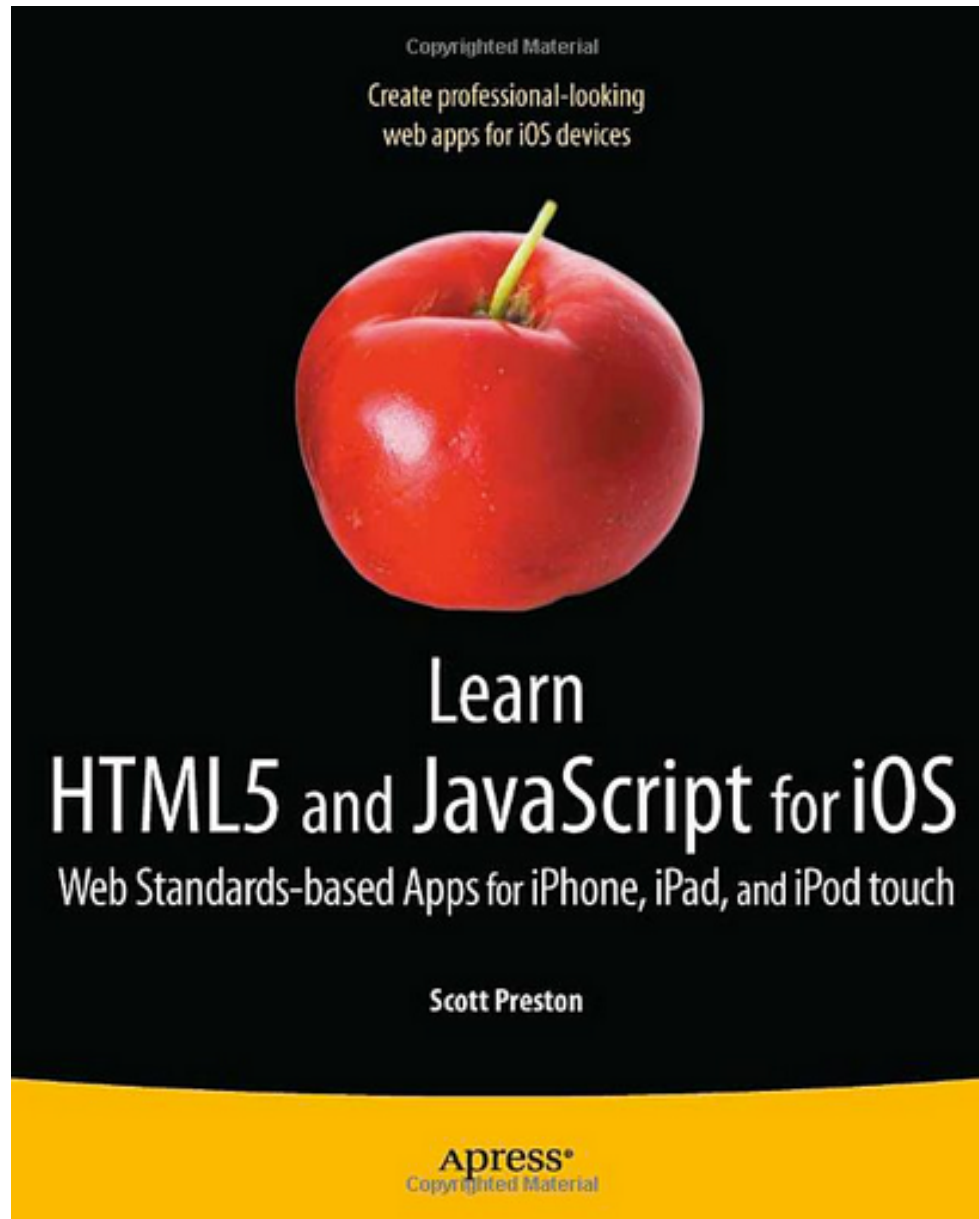
Native Apps

Hybrid Apps

Mobile Web Apps



Learn HTML5 and JavaScript for iOS: Web Standards-based Apps for iPhone, iPad, and iPod touch, Scott Preston, Apress, 2012



jQuery Mobile



The screenshot shows the jQuery Mobile website homepage. At the top, there's a browser window with the address bar showing 'jquerymobile.com'. Below the browser window is a dark blue navigation bar with links: jQuery, UI, Mobile (highlighted), Plugins, Meetups, Forum, Events, About, and Donate. Below this is a white horizontal bar with the jQuery Mobile logo and a row of green buttons: Demos, API, Download, Platforms, Themes, Resources, and Blog. The main content area has a white background. On the left, there's a yellow banner that says 'JQUERY MOBILE 1.4.0 RC1 RELEASED!'. Below this, the heading 'jQuery Mobile: Touch-Optimized Web Framework for Smartphones & Tablets' is followed by a paragraph describing the framework. To the right of the text is an image of four mobile devices (two tablets and two smartphones) displaying the jQuery Mobile logo. Below the image, there's a section titled 'Seriously cross-platform with HTML5' followed by a paragraph explaining the framework's philosophy and a link to 'Device support'.

JQUERY MOBILE 1.4.0 RC1 RELEASED!

jQuery Mobile: Touch-Optimized Web Framework for Smartphones & Tablets

A unified, HTML5-based user interface system for all popular mobile device platforms, built on the rock-solid jQuery and jQuery UI foundation. Its lightweight code is built with progressive enhancement, and has a flexible, easily themeable design.

Latest stable version - 1.3.2 [↗](#)
Legacy versions: [1.2.1](#) - [1.1.2](#) - [1.0.1](#)

Seriously cross-platform with HTML5

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

<http://jquerymobile.com/>

jQuery Mobile

- Touch-Optimized Web Framework for Smartphones & Tablets
 - A unified, HTML5-based user interface system for all popular mobile device platforms
 - built on the rock-solid jQuery and jQuery UI foundation.
 - Its lightweight code is built with progressive enhancement, and has a flexible, easily themeable design.

jQuery

jquery.com

jQuery

Plugins Contribute Events Support jQuery Foundation

jQuery
write less, do more.

.appendTo() **Virtual Training**
Nov. 12 - 14, 2013
Online

Sign Up

Download API Documentation Blog Plugins Browser Support

Search


Lightweight Footprint
Only 32kB minified and gzipped.
Can also be included as an AMD module


CSS3 Compliant
Supports CSS3 selectors to find elements as well as in style property manipulation


Cross-Browser
IE, Firefox, Safari, Opera, Chrome, and more

 **Download jQuery**
v1.10.2 or v2.0.3

[View Source on GitHub →](#)
[How jQuery Works →](#)

What is jQuery?

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

Who's Using jQuery

Resources

- [jQuery Core API Documentation](#)
- [jQuery Learning Center](#)
- [jQuery Blog](#)
- [Contribute to jQuery](#)
- [About the jQuery Foundation](#)
- [Browse or Submit jQuery Bugs](#)

jQuery

- jQuery is a fast, small, and feature-rich **JavaScript library**.
- jQuery is the most popular JavaScript library
 - **versatility** and **extensibility**
- It makes things like **HTML document traversal** and **manipulation**, **event handling**, **animation**, and **Ajax** much simpler with an easy-to-use API that works across a multitude of browsers.

jQuery UI

The screenshot shows the jQuery UI website homepage. The browser's address bar displays 'jqueryui.com'. The site features a dark orange header with the jQuery UI logo on the left and navigation links for 'Plugins', 'Contribute', 'Events', 'Support', and 'jQuery Foundation' on the right. A secondary navigation bar includes links for 'Demos', 'Download', 'API Documentation', 'Themes', 'Development', 'Support', 'Blog', and 'About', along with a search bar. The main content area is divided into three columns. The left column contains two sections: 'Interactions' with a list of features (Draggable, Droppable, Resizable, Selectable, Sortable) and 'Widgets' with a list of components (Accordion, Autocomplete, Button, Datepicker, Dialog, Menu). The middle column features a large text block describing jQuery UI as a curated set of user interface interactions, effects, widgets, and themes built on top of the jQuery JavaScript Library. To the right of this text is a 'Download jQuery UI 1.10.3' section with a 'Custom Download' button and 'Quick Downloads' for 'Stable' (v1.10.3, jQuery 1.6+) and 'Legacy' (v1.9.2, jQuery 1.6+). The right column contains a 'Developer Links' section with links to 'Source Code (GitHub)', 'jQuery UI Git (WIP Build)', 'Theme (WIP Build)', 'Bug Tracker', 'Submit a New Bug Report', 'Discussion Forum', and 'Using jQuery UI'. At the bottom of the middle column, there is a 'What's New in jQuery UI 1.10?' section detailing bug fixes and improvements, and providing links to upgrade guides and changelogs for versions 1.10.0, 1.10.1, 1.10.2, and 1.10.3.

jQuery UI

jQuery user interface

.appendTo() Virtual Training
Nov. 12 - 14, 2013
Online

Sign Up

Demos Download API Documentation Themes Development Support Blog About

Search

Interactions

- Draggable
- Droppable
- Resizable
- Selectable
- Sortable

Widgets

- Accordion
- Autocomplete
- Button
- Datepicker
- Dialog
- Menu

jQuery UI is a curated set of user interface interactions, effects, widgets, and themes built on top of the jQuery JavaScript Library. Whether you're building highly interactive web applications or you just need to add a date picker to a form control, jQuery UI is the perfect choice.

Download jQuery UI 1.10.3

Custom Download

Quick Downloads:

Stable	Legacy
v1.10.3	v1.9.2
jQuery 1.6+	jQuery 1.6+

What's New in jQuery UI 1.10?

jQuery UI 1.10 includes dozens of bug fixes and improved accessibility. In addition, the dialog and progressbar widgets have undergone [API redesigns](#), making them easier to use and creating more consistency across plugins.

Interested in the full details of what changed? Check out the [1.10 upgrade guide](#), [1.10.0 changelog](#), [1.10.1 changelog](#), and [1.10.2 changelog](#), and [1.10.3 changelog](#).

Developer Links

- [Source Code \(GitHub\)](#)
- [jQuery UI Git \(WIP Build\)](#)
- [Theme \(WIP Build\)](#)
- [Bug Tracker](#)
- [Submit a New Bug Report](#)
- [Discussion Forum](#)
- [Using jQuery UI](#)

<http://jqueryui.com/>

jQuery Mobile

- Seriously cross-platform with HTML5
- write less, do more



jquery-1.9.1.min.js

jquery.mobile.min.css

jquery.mobile.min.js

```
<!DOCTYPE html>
<html>
  <head>
    <title>Mobile App Title</title>
    <meta charset=utf-8 />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
    <link type="text/css" href="http://code.jquery.com/mobile/latest/jquery.mobile.min.css" rel="stylesheet" />
    <script type="text/javascript" src="http://code.jquery.com/mobile/latest/jquery.mobile.min.js"></script>
  </head>
  <body>

  </body>
</html>
```

jQuery Mobile: Mobile Graded Browser Support

- jQuery Mobile has broad support for the vast majority of all modern desktop, smartphone, tablet, and e-reader platforms.
- **A-grade – Full enhanced experience with Ajax-based animated page transitions.**
 - Apple iOS 3.2*-6.1
 - Tested on the original iPad (4.3 / 5.0), iPad 2 (4.3 / 5.1 / 6.1), iPad 3 (5.1 / 6.0), iPad Mini (6.1), 3GS (4.3), 4 (4.3 / 5.1), and 4S (5.1 / 6.0), and 5 (6.0)
 - Android 2.1-2.3, 3.2, 4.0, 4.1-4.2 (Jelly Bean)
 - Tested on the HTC Incredible (2.2), original Droid (2.2), HTC Aria (2.1), Google Nexus S (2.3).
 - Tested on a Galaxy Nexus and Galaxy 7

jQuery Mobile: Original Graded Browser Matrix

Platform	Version	Native	Opera Mobile				Opera Mini		Fennec		Ozone	Netfront	Phonegap
			8.5	8.65	9.5	10.0	4.0	5.0	1.0	1.1	0.9	4.0	0.9
iOS	v2.2.1	B											A
	v3.1.3, v3.2	A						A					A
	v4.0	A						A					A
Symbian S60	v3.1, v3.2	C	C	C		B	C	B			C	C	
	v5.0	A	C	C		A	C	A					A
Symbian UIQ	v3.0, v3.1			C							C		
	v3.2				C						C		
Symbian Platform	3.0	A											
BlackBerry OS	v4.5	C					C	C					
	v4.6, v4.7	C					C	B					C
	v5.0	B					C	A					A
	v6.0	A						A					A
Android	v1.5, v1.6	A											A
	v2.1	A											A
	v2.2	A				A		C		A			A
Windows Mobile	v6.1	C	C	C	C	B	C	B				C	
	v6.5.1	C	C	C	A	A	C	A					
	v7.0	A				A	C	A					
webOS	1.4.1	A											A
bada	1.0	A											
Maemo	5.0	B				B			C	B			
MeeGo	1.1	A				A				A			

Source: <http://jquerymobile.com/original-graded-browser-matrix/>

codiqa: drag-and-drop builder for mobile apps

The screenshot shows a web browser window with the jQuery Mobile website. The main heading is "Easy to use: Try it now!". Below it, a paragraph explains that jQuery Mobile's emphasis on semantic markup and progressive enhancement makes it easy to use, and that users can start building mobile sites right away using the cool drag-and-drop UI builder. There are links for "Demos & documentation" and "Resources: Books, plugins, tutorials".

The codiqa interface is displayed, featuring a toolbar with categories: All, Toolbars, Buttons, Content, List Views, and Form Elements. The "Buttons" category is selected, showing various button styles like Page Header, Page Footer, Nav Bar, and a standard Button. A preview of a mobile app is shown on the left, with a "Header" section containing a photo and a "Button" below it. On the right, the "IMAGE" configuration panel is visible, showing fields for Image URL, Link to, Width, Height, Align, Display, Open in New Window, Id, and Class.

Easy to use: Try it now!

jQuery Mobile's emphasis on semantic markup and progressive enhancement makes it super easy to use. If you know basic HTML, you can start building mobile sites right away. Try this cool drag-and-drop UI builder to explore what the library can do, or check out some of the resources below to learn more.

[Demos & documentation](#) [Resources: Books, plugins, tutorials](#)

codiqa BUILD TEST Download HTML

All Toolbars Buttons Content List Views Form Elements

Page Header Page Footer Nav Bar Button Link Image Map

Header

Button

IMAGE

Image URL

Link to

Width ☐ px ☒ %

Height ☐ px ☒ %

Align

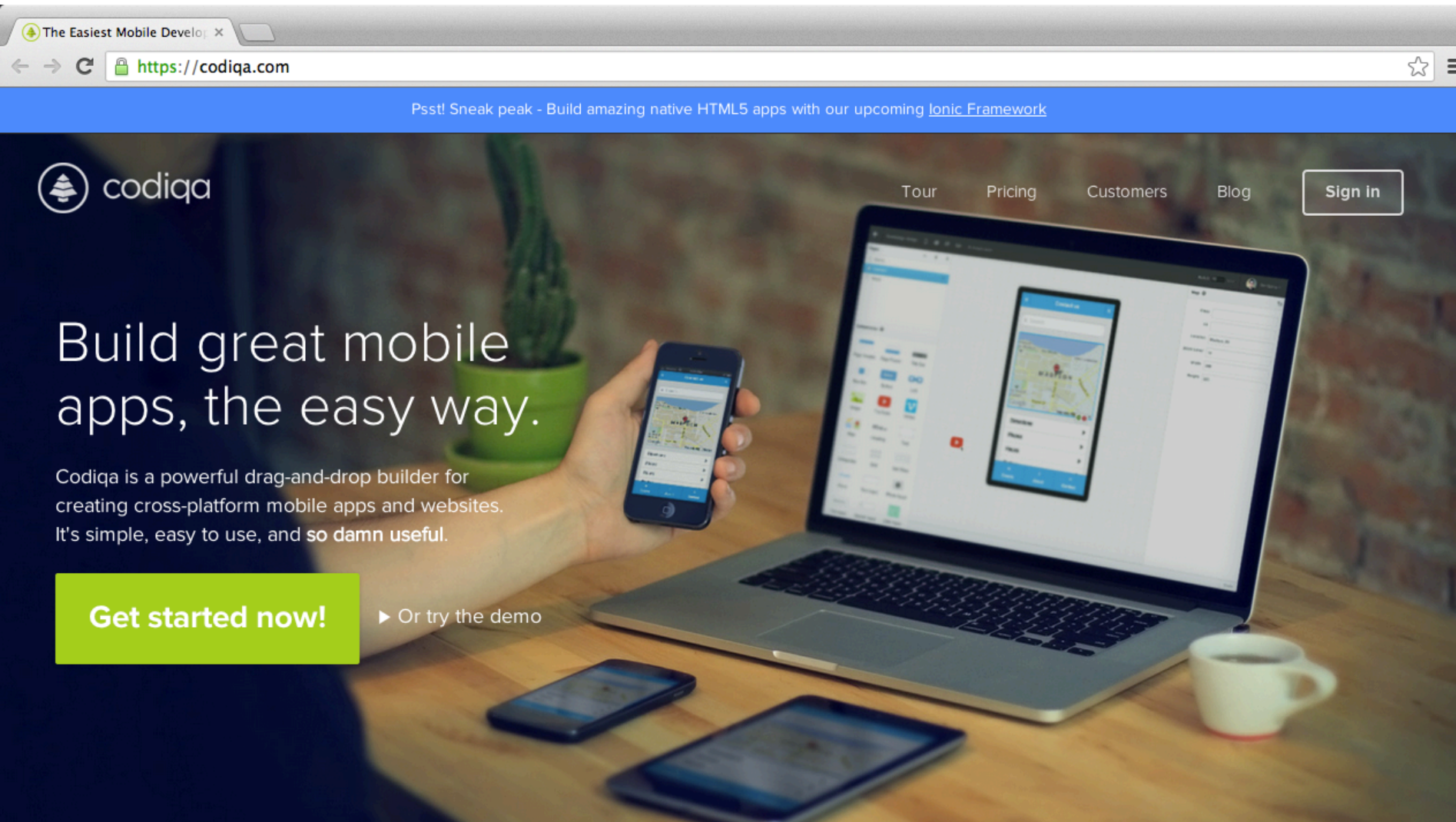
Display

Open in New Window

Id

Class

codiqa: drag-and-drop builder for mobile apps



The screenshot shows a web browser window with the URL <https://codiqa.com>. The page features a blue header with the text "Psst! Sneak peak - Build amazing native HTML5 apps with our upcoming [Ionic Framework](#)". Below the header is a navigation bar with links for "Tour", "Pricing", "Customers", "Blog", and a "Sign in" button. The main content area has a large image of a hand holding a smartphone displaying a map app, with a laptop in the background showing the Codiqa drag-and-drop interface. The text "Build great mobile apps, the easy way." is prominently displayed. Below this, a paragraph states: "Codiqa is a powerful drag-and-drop builder for creating cross-platform mobile apps and websites. It's simple, easy to use, and so damn useful." A green button labeled "Get started now!" is followed by a link "Or try the demo".

The Easiest Mobile Development

<https://codiqa.com>

Psst! Sneak peak - Build amazing native HTML5 apps with our upcoming [Ionic Framework](#)

 **codiqa**

Tour Pricing Customers Blog [Sign in](#)

Build great mobile apps, the easy way.

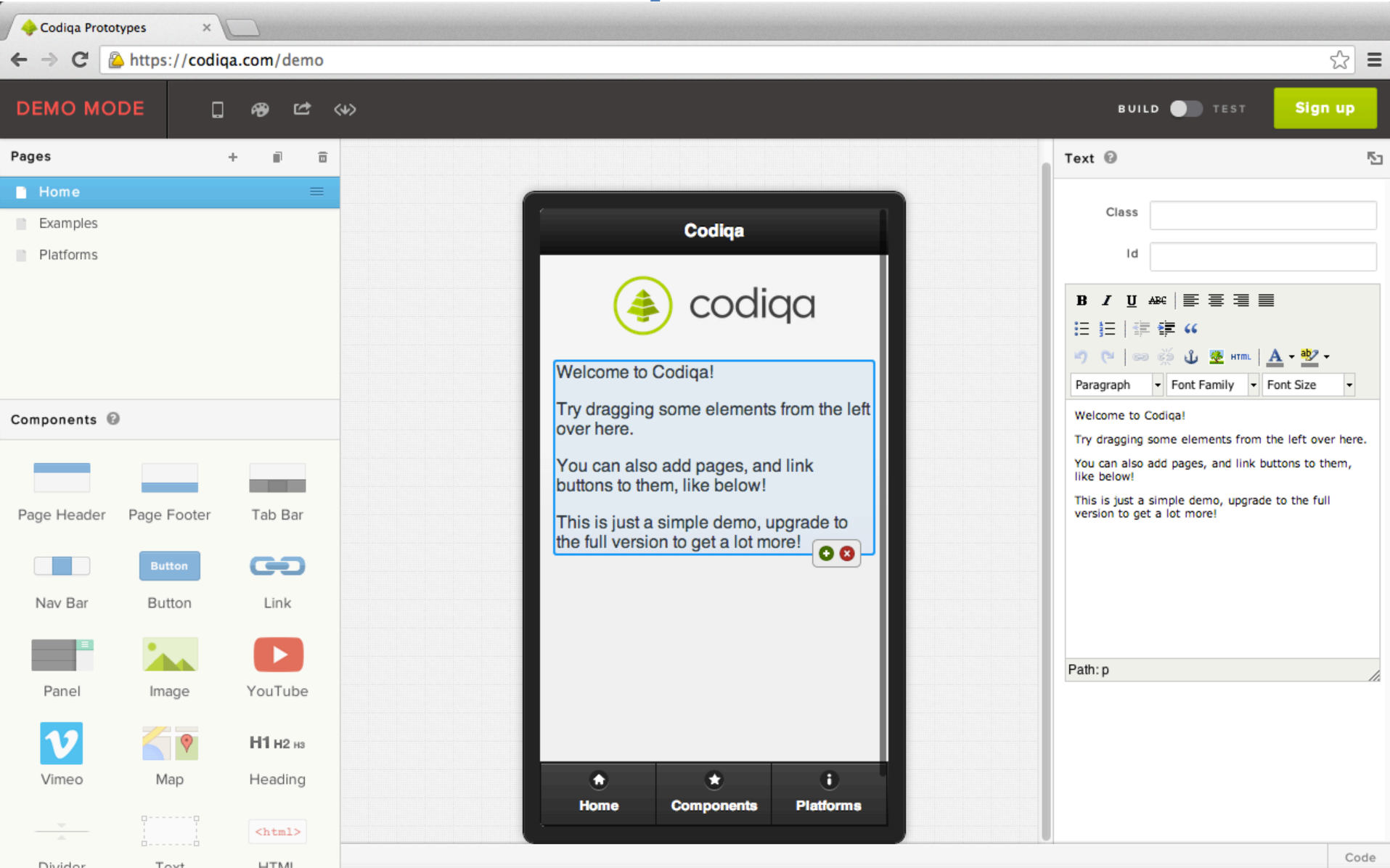
Codiqa is a powerful drag-and-drop builder for creating cross-platform mobile apps and websites. It's simple, easy to use, and so damn useful.

[Get started now!](#) [Or try the demo](#)



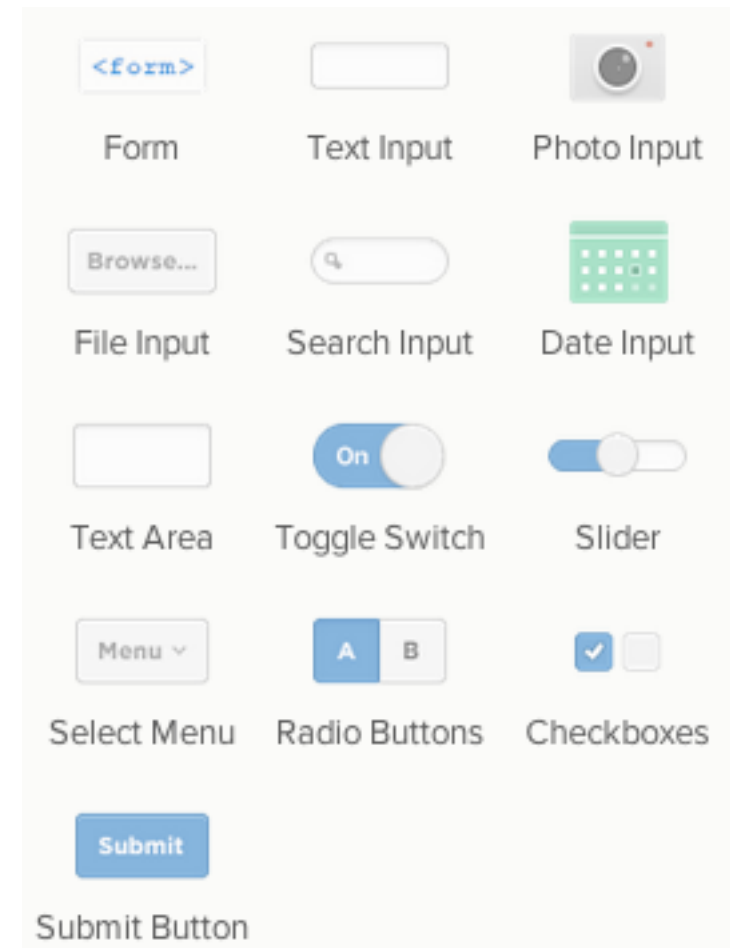
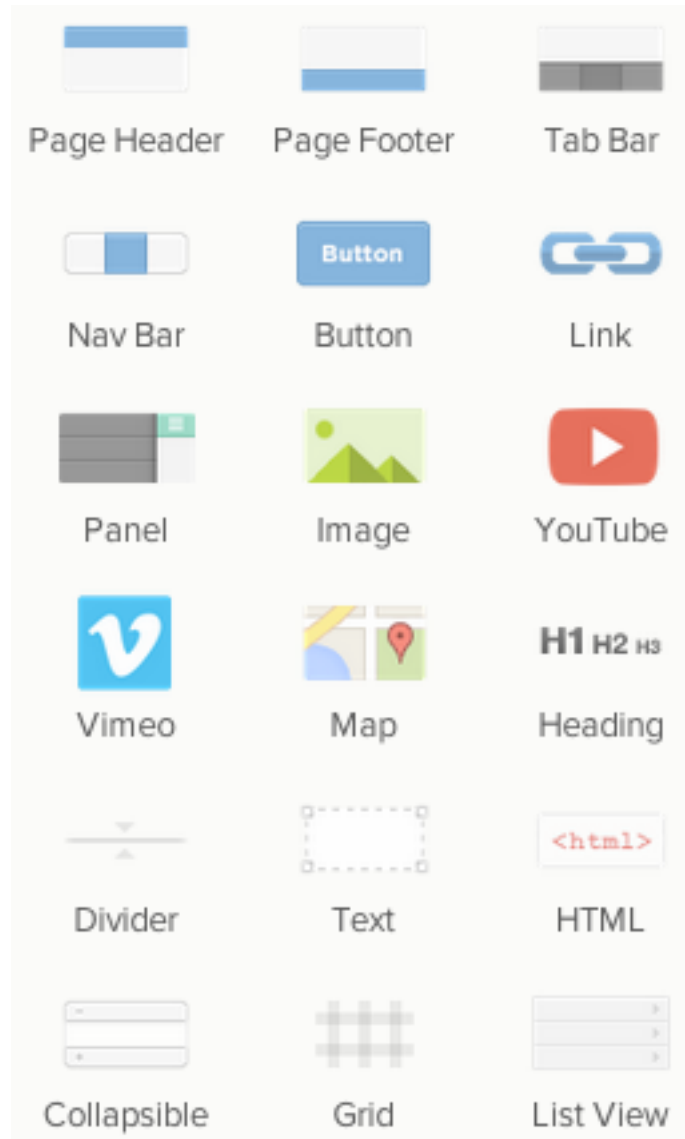
<https://codiqa.com/>

codiqa demo



<https://codiqa.com/demo>

Codiqa Components



BUILD

TEST

Download HTML

All

Toolbars

Buttons

Content

List Views

Form Elements

Page Header

Page Footer

Nav Bar

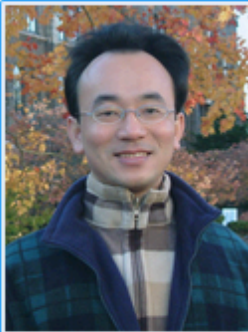
Button

Link

Image

Map

Header



+

×

Button

IMAGE

Image URL

Link to

Width

☐ px ☒ %

Height

☐ px ☒ %

Align

Display

Open in New Window

Id

Class

Source: <http://jquerymobile.com/>

Inspect Code

21

BUILD
TEST
Download HTML

All
Toolbars
Buttons
Content
List Views
Form Elements

Page Header

Page Footer

Nav Bar

Button

Link

Image

Map

Header

Inspect Code

```

1 <!-- Home -->
2 <div data-role="page" id="page1">
3   <div data-theme="b" data-role="header">
4     <h3>
5       Header
6     </h3>
7   </div>
8   <div data-role="content">
9     <div style="">
10      
13      Button
14    </a>
15  </div>
16  <div data-theme="a" data-role="footer" data-position="fixed">
17    <h3>
18      Footer
19    </h3>
20  </div>
21 </div>

```

Indent: 4
☐ spaces
☒ tabs

Source: <http://jquerymobile.com/>

BUILD TEST Download HTML

All Toolbars Buttons Content List Views Form Elements

Image

Map

H1 H2 H3

Heading

Collapsible

Grid

List View

<form>

Form

Inspect Code

```

1 <!-- Home -->
2 <div data-role="page" id="page1">
3   <div data-theme="b" data-role="header">
4     <h3>
5       Tamkang U.
6     </h3>
7   </div>
8   <div data-role="content">
9     
11     <a data-role="button" href="#page1">
12       Button
13     </a>
14   </div>
15   <div data-theme="b" data-role="footer" data-position="fixed">
16     <h3>
17       Footer
18     </h3>
19   </div>
20 </div>

```

Indent: 4
 ☐ spaces
 ☒ tabs

Source: <http://jquerymobile.com/>

JS Bin - Collaborative JavaScript
jsbin.com/lmorikO/1/edit
HTML CSS JavaScript Console Output
Log in Register Help

HTML

```

<!DOCTYPE html>
<html>
<head>
<link href="http://code.jquery.com/mobile/latest/jquery.mobile.css"
rel="stylesheet" type="text/css" />
<script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
<script src="http://code.jquery.com/mobile/latest/jquery.mobile.js"></script>
<meta charset=utf-8 />
<title>JS Bin</title>
</head>
<body>
  <div data-role="page" id="page1">
    <div data-theme="b" data-role="header">
      <h3>
        Tamkang U.
      </h3>
    </div>
    <div data-role="content">
      
      <a data-role="button" href="#page1">
        Button
      </a>
    </div>
    <div data-theme="b" data-role="footer" data-position="fixed">
      <h3>
        Footer
      </h3>
    </div>
  </div>
</body>
</html>

```

Output
Run with JS Auto-run JS

Tamkang U.

Button

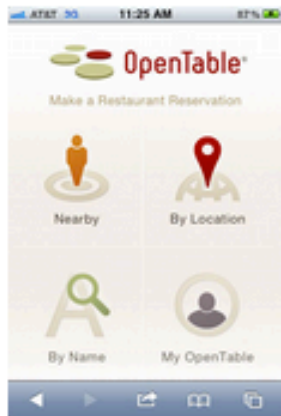
Footer

```

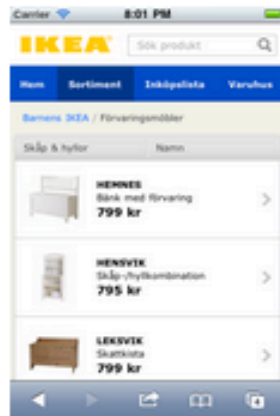
<!DOCTYPE html>
<html>
<head>
<link href="http://code.jquery.com/mobile/latest/jquery.mobile.css" rel="stylesheet" type="text/css" />
<script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
<script src="http://code.jquery.com/mobile/latest/jquery.mobile.js"></script>
<meta charset=utf-8 />
<title>JS Bin</title>
</head>
<body>
  <div data-role="page" id="page1">
    <div data-theme="b" data-role="header">
      <h3>
        Tamkang U.
      </h3>
    </div>
    <div data-role="content">
      
      <a data-role="button" href="#page1">
        Button
      </a>
    </div>
    <div data-theme="b" data-role="footer" data-position="fixed">
      <h3>
        Footer
      </h3>
    </div>
  </div>
</body>
</html>

```

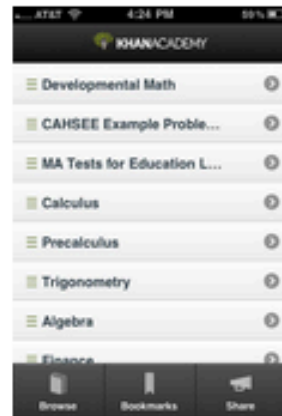
Get inspired: Built with jQuery Mobile



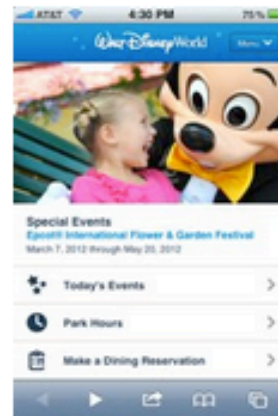
OpenTable



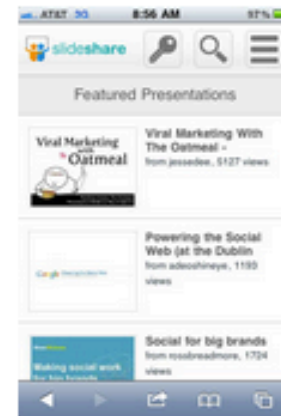
Ikea Sweden



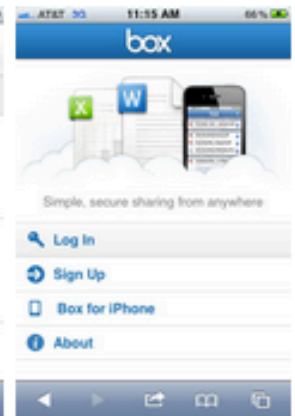
Khan Academy



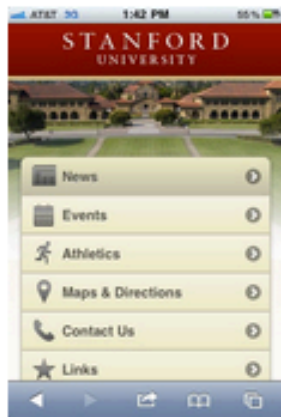
Disney World



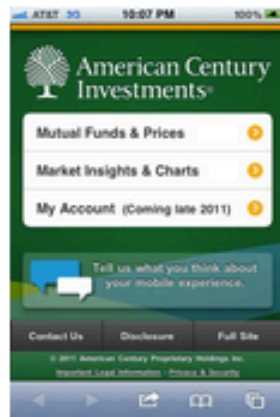
Slideshare



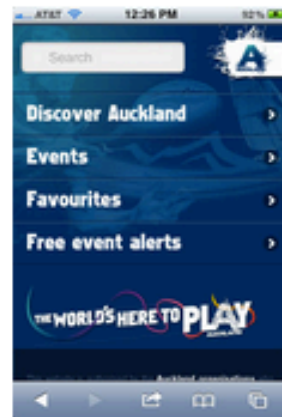
Box.net



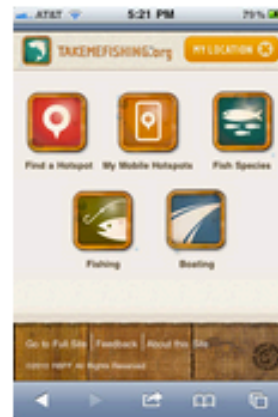
Stanford



American Century



Rugby World Cup



Take Me Fishing



Ryland Homes



Moulin Rouge



Human impact

Stanford group explores competing interests of wildlife and people on the Galapagos Islands.

EVENTS

NOV 5

Film: A Grin Without a Cat
7 p.m.

Mathematics of Bats
7:30 p.m.

NOV 6

Sustaining Indigenous Nations
Noon

[EVENT CALENDAR »](#)

UNIVERSITY NEWS



Improving diagnostics

Using MRI, Stanford researchers develop a way to quantitatively measure brain tissue.



Dreaming & hunting

Stanford research probes Aboriginal use of small fires to improve foraging.

MORE STORIES

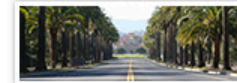
- » Stanford Ignite program returns to Bangalore in April 2014
- » Summit at Stanford addresses how to attract minority students to STEM careers
- » Seeking a path to health on the Rosebud Indian Reservation

GATEWAYS FOR...



- » Students
- » Faculty & Staff
- » Alumni
- » Parents
- » Visitors
- » Neighbors

TOP DESTINATIONS



SCHOOLS & DEPARTMENTS

- » Business
- » Earth Sciences
- » Education
- » Engineering
- » Humanities & Sciences
- » Law
- » Medicine
- » Departments (A - Z)
- » Interdisciplinary Programs

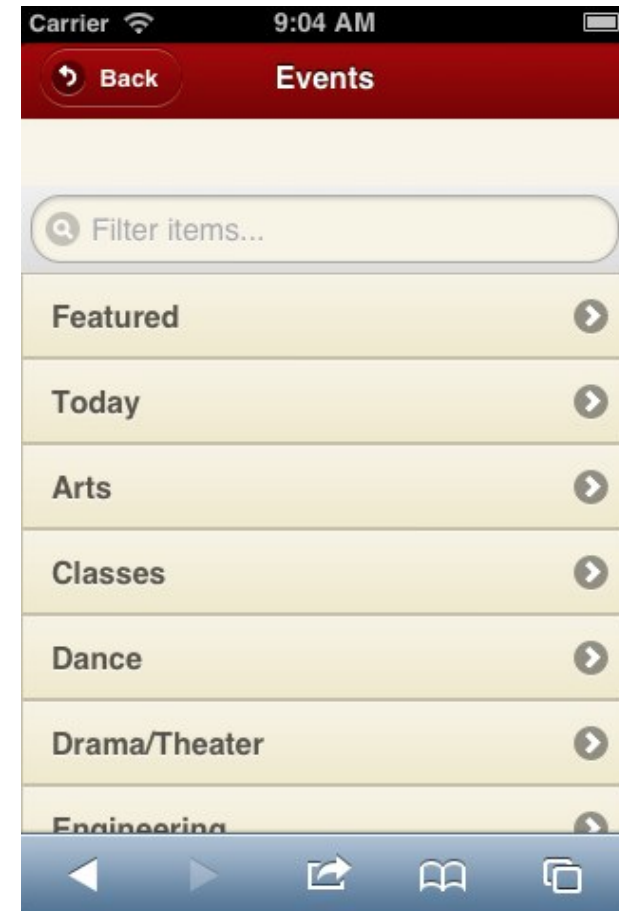
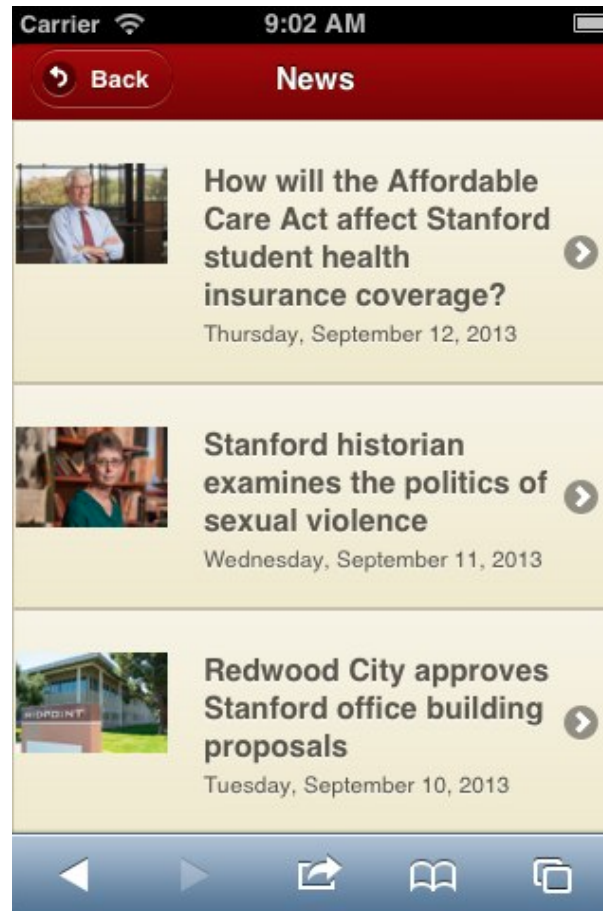
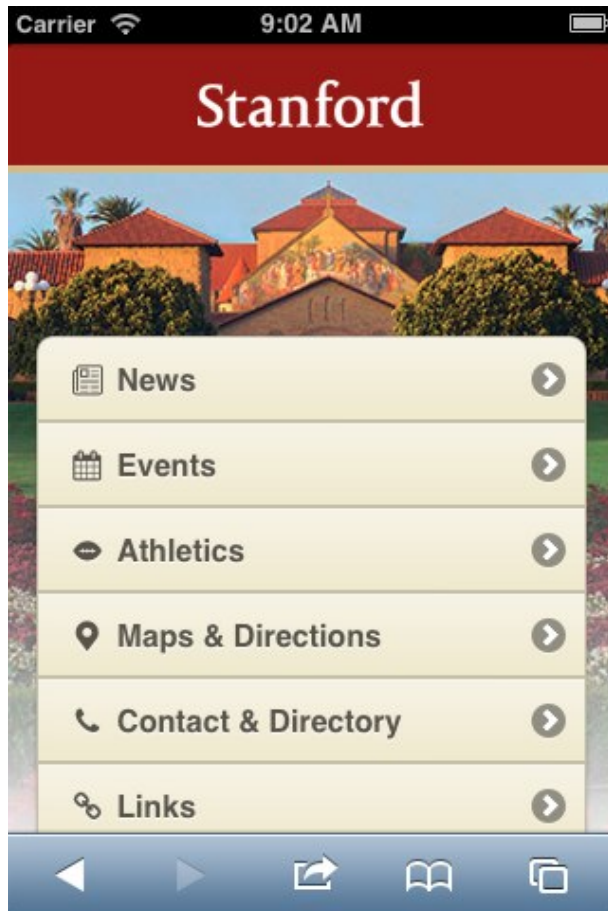
HOSPITALS

- » Stanford Hospital & Clinics
- » Lucile Packard Children's

LIBRARIES

Mobile website for Stanford University

<http://m.stanford.edu>



data-role="page"

```
<div data-role="page" id="first" data-theme="b">
```

```
<div data-role="header">
```

```
<div data-role="content">
```

```
<div data-role="page" id="first" data-theme="b">
  <div data-role="header">
    <h1>Page Header</h1>
  </div><!-- /header -->

  <div data-role="content">
    <p>Page content goes here.</p>
    <a href="#second">Go to second
page</a>
  </div><!-- /content -->

  <div data-role="footer" data-
position="fixed">
    <h4>Page Footer</h4>
  </div><!-- /footer -->
</div><!-- /page -->
```

```
<div data-role="footer" data-position="fixed">
```



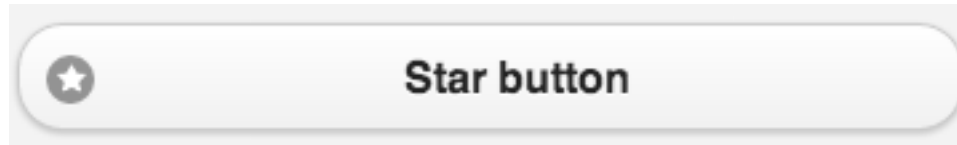
Page Header

Page content goes here.

[Go to second page](#)

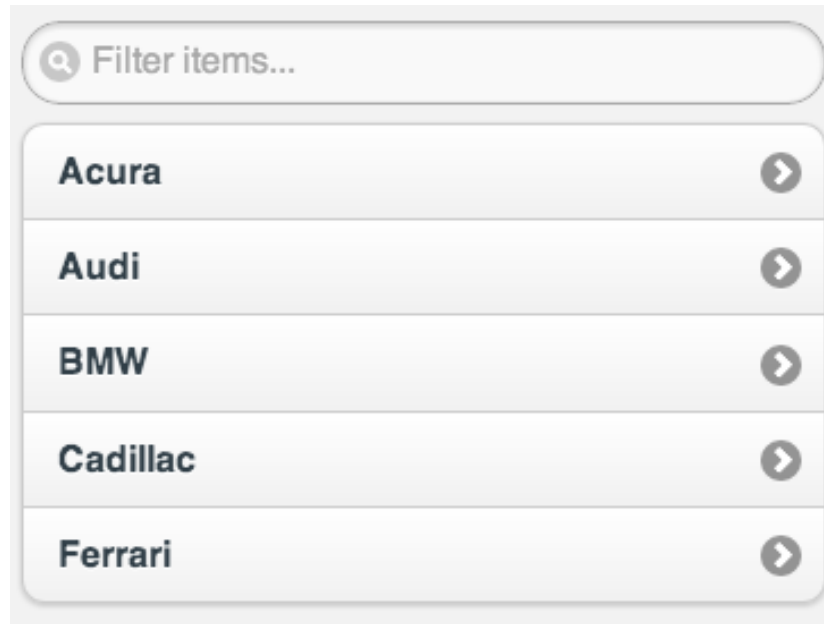
Page Footer

data-role="button"



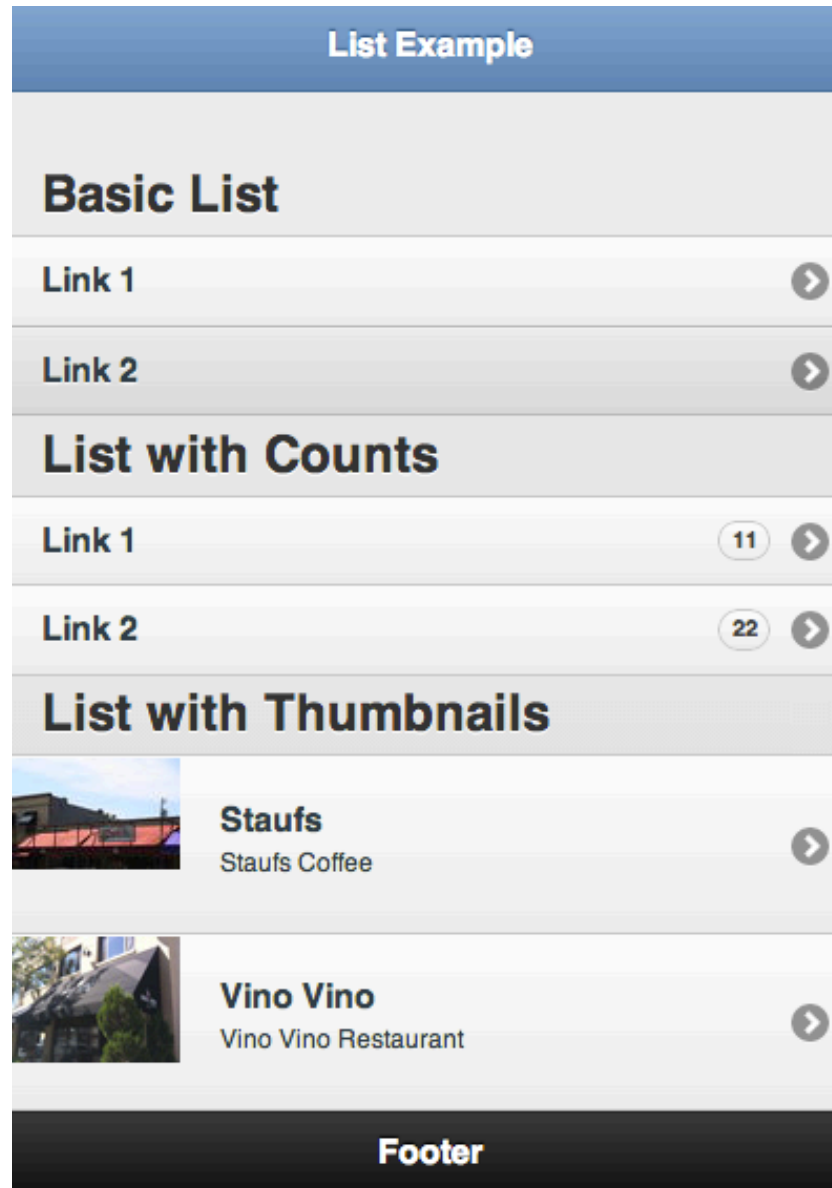
```
<a href="#" data-role="button" data-icon="star">Star button</a>
```

data-role="listview"



```
<ul data-role="listview" data-inset="true" data-filter="true">
  <li><a href="#">Acura</a></li>
  <li><a href="#">Audi</a></li>
  <li><a href="#">BMW</a></li>
  <li><a href="#">Cadillac</a></li>
  <li><a href="#">Ferrari</a></li>
</ul>
```

ListView Example

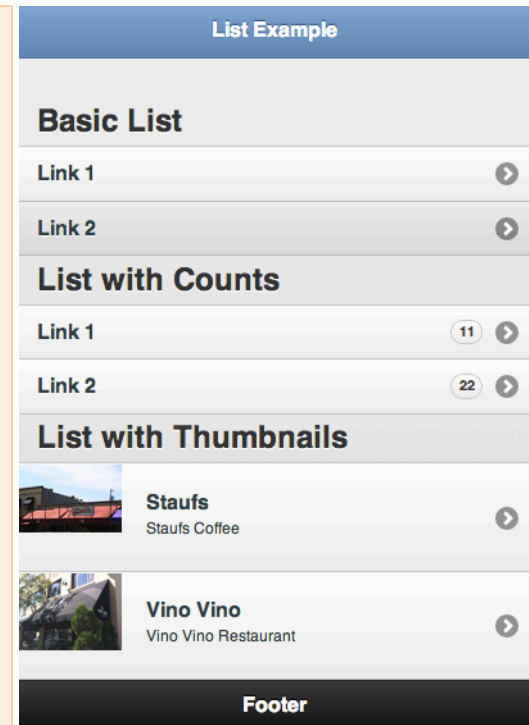


ListView Example

```
<div data-role="page" >
  <header data-role="header" data-theme="b">
    <h1>List Example</h1>
  </header>
  <section data-role="content">
    <h1>Basic List</h1>
    <ul data-role="listview">
      <li><a href="">Link 1</a></li>
      <li><a href="">Link 2</a></li>
    </ul>

    <h1>List with Counts</h1>
    <ul data-role="listview">
      <li><a href="">Link 1</a><span class="ui-li-count ui-btn-up-c ui-btn-corner-all">11</span></li>
      <li><a href="">Link 2</a><span class="ui-li-count ui-btn-up-c ui-btn-corner-all">22</span></li>
    </ul>

    <h1>List with Thumbnails</h1>
    <ul data-role="listview">
      <li><a href="index.html" class="ui-link-inherit">
        
        <h3 class="ui-li-heading">Staufts</h3>
        <p class="ui-li-desc">Staufts Coffee</p>
      </a>
    </li>
      <li><a href="index.html" class="ui-link-inherit">
        
        <h3 class="ui-li-heading">Vino Vno</h3>
        <p class="ui-li-desc">Vino Vno Restaurant</p>
      </a>
    </li>
    </ul>
  </section>
```



Form Element

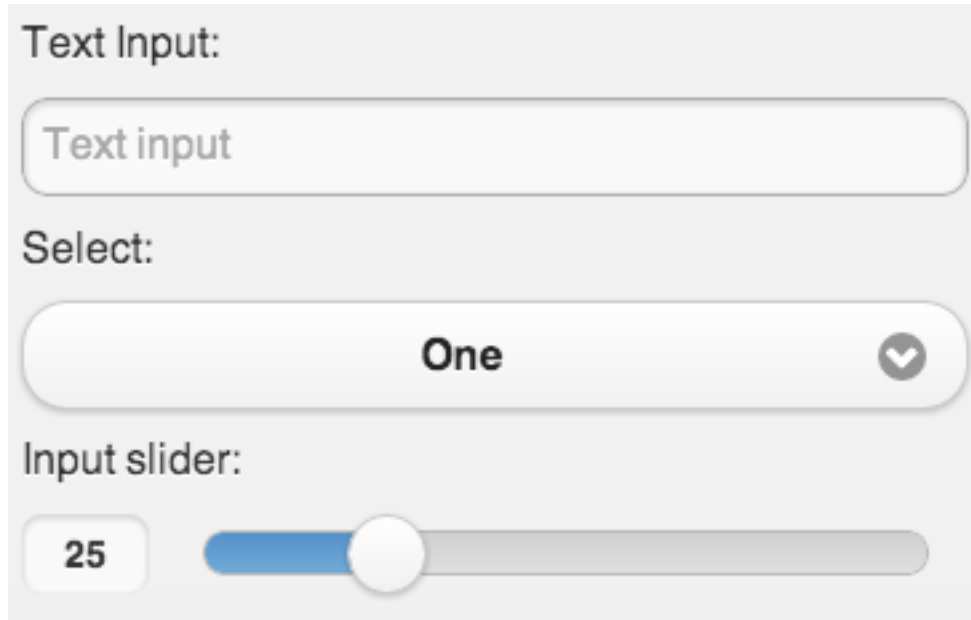
Text Input:

Select:

One

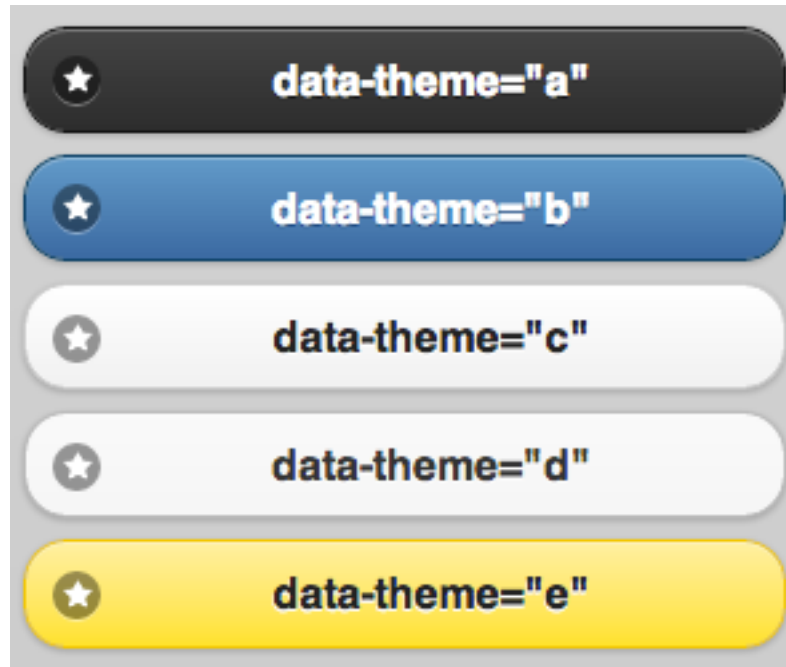
Input slider:

25



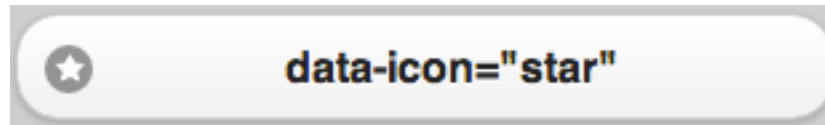
```
<form>
  <label for="textinput-s">Text Input:</label>
  <input type="text" name="textinput-s" id="textinput-s" placeholder="Text input"
value="" data-clear-btn="true">
  <label for="select-native-s">Select:</label>
  <select name="select-native-s" id="select-native-s">
    <option value="small">One</option>
    <option value="medium">Two</option>
    <option value="large">Three</option>
  </select>
  <label for="slider-s">Input slider:</label>
  <input type="range" name="slider-s" id="slider-s" value="25" min="0" max="100" data-
highlight="true">
</form>
```

data-theme="a"



```
<a href="#" data-role="button" data-icon="star" data-theme="a">data-theme="a"</a>  
<a href="#" data-role="button" data-icon="star" data-theme="b">data-theme="b"</a>  
<a href="#" data-role="button" data-icon="star">data-theme="c"</a>  
<a href="#" data-role="button" data-icon="star" data-theme="d">data-theme="d"</a>  
<a href="#" data-role="button" data-icon="star" data-theme="e">data-theme="e"</a>
```


data-icon="star"



```
<a href="#" data-role="button" data-icon="star" data-theme="c">data-icon="star"</a>
```



Custom Icons

```
.ui-icon-myapp-email {  
    background-image: url("app-icon-email.png");  
}
```

white icon

18x18 pixels

PNG-8 with alpha transparency



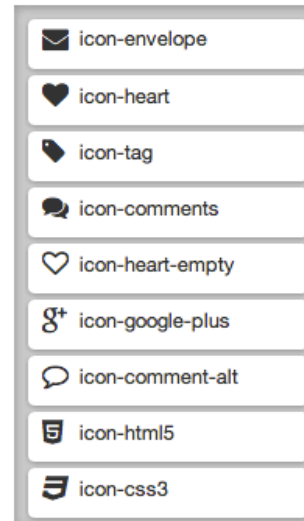
jQuery Mobile Icon Pack

1. Choose your icons Click to add to your set. [Clear](#)



2. Preview your icon set

Click an icon to remove it.



3. Download

(CSS, LESS & SCSS files)

 [Download Now](#)

Having trouble building your custom icon set?

[Let me know about it.](#)



ThemeRoller for jQuery Mobile

The screenshot displays the ThemeRoller for jQuery Mobile web application. The browser's address bar shows the URL `jquerymobile.com/themeroller/`. The application's header includes the jQuery Mobile logo, version information (Version 1.3.2), and navigation buttons for undo, redo, inspector, download, import, share, and help. The left sidebar contains a 'Global' tab and a 'Theme Settings' section with expandable categories: Font Family, Active State, Corner Radii, Icon, and Box Shadow. The main content area features a color selection tool with a color palette, a 'Recent Colors' grid, and a 'jQuery mobile' logo. Below these tools are three mobile device mockups labeled A, B, and C, each displaying a sample theme with various UI elements like text, links, list items, radio buttons, checkboxes, and sliders.

<http://jquerymobile.com/themeroller/>

ThemeRoller for jQuery Mobile

The screenshot displays the ThemeRoller web application for jQuery Mobile. The browser address bar shows the URL `jquerymobile.com/themeroller/`. The interface includes a top navigation bar with the jQuery Mobile logo, version information (Version 1.3.2), and buttons for undo, redo, inspector, download, import, share, and help. Below this is a sidebar on the left with tabs for Global, A, B, and C. The 'Global' tab is active, showing settings for Swatch B, including Link Color (#2489ce), Text Color (#000000), Text Shadow, Background (#33cccc), and Border (#1c7070). The main area features three mobile device mockups labeled A, B, and C, each displaying a sample theme. Mockup A is yellow, B is blue, and C is brown. Each mockup shows a list of items, a radio button, a checkbox, a toggle switch, a dropdown menu, a text input, and a slider. The jQuery Mobile logo is visible in the top right corner of the main area.

<http://jquerymobile.com/themeroller/>

<http://grandviewwave.com>

Carrier

7:18 AM

grandviewwave.com



grandview Ave.



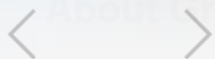
Home

Near Me

Sales

Parking

Tours



Carrier

7:21 AM

grandviewwave.com



grandview Ave.



Business Directory



About Grandview Ave.



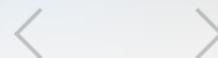
Home

Near Me

Sales

Parking

Tours



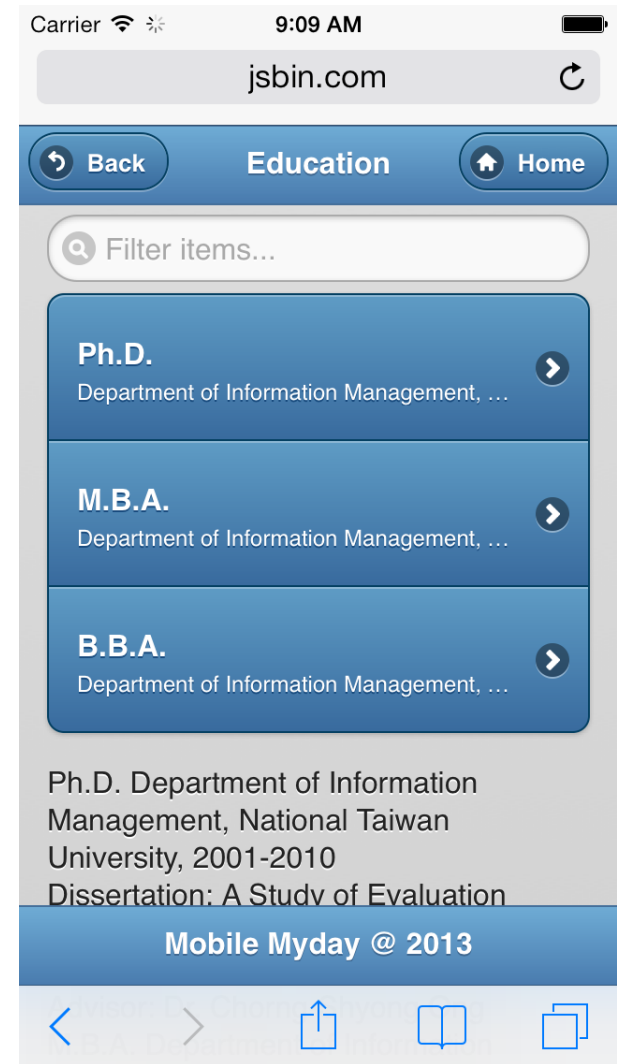
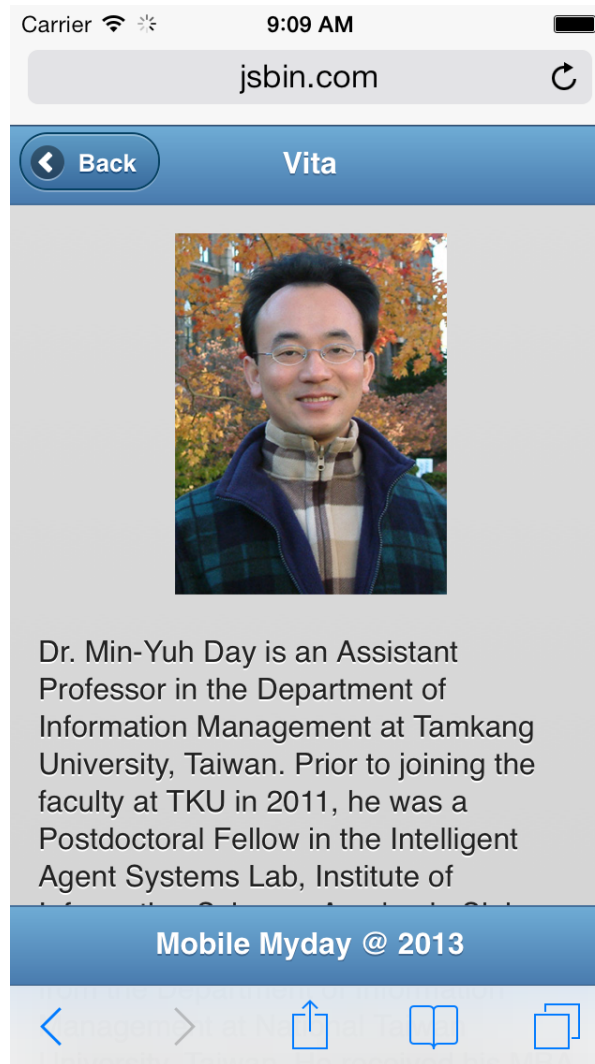
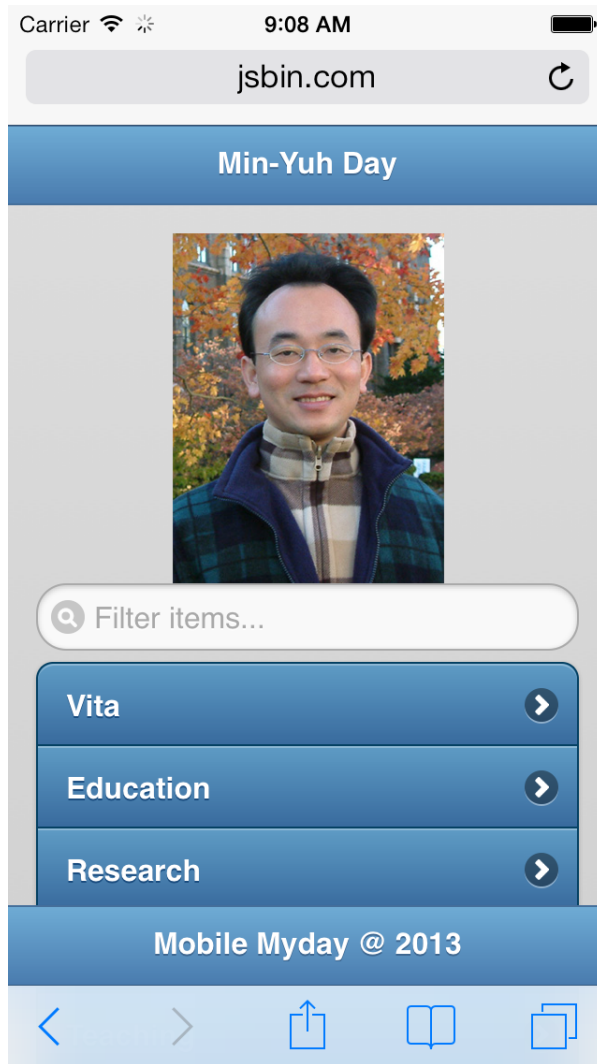
Demo

Building Mobile Apps with jQuery Mobile

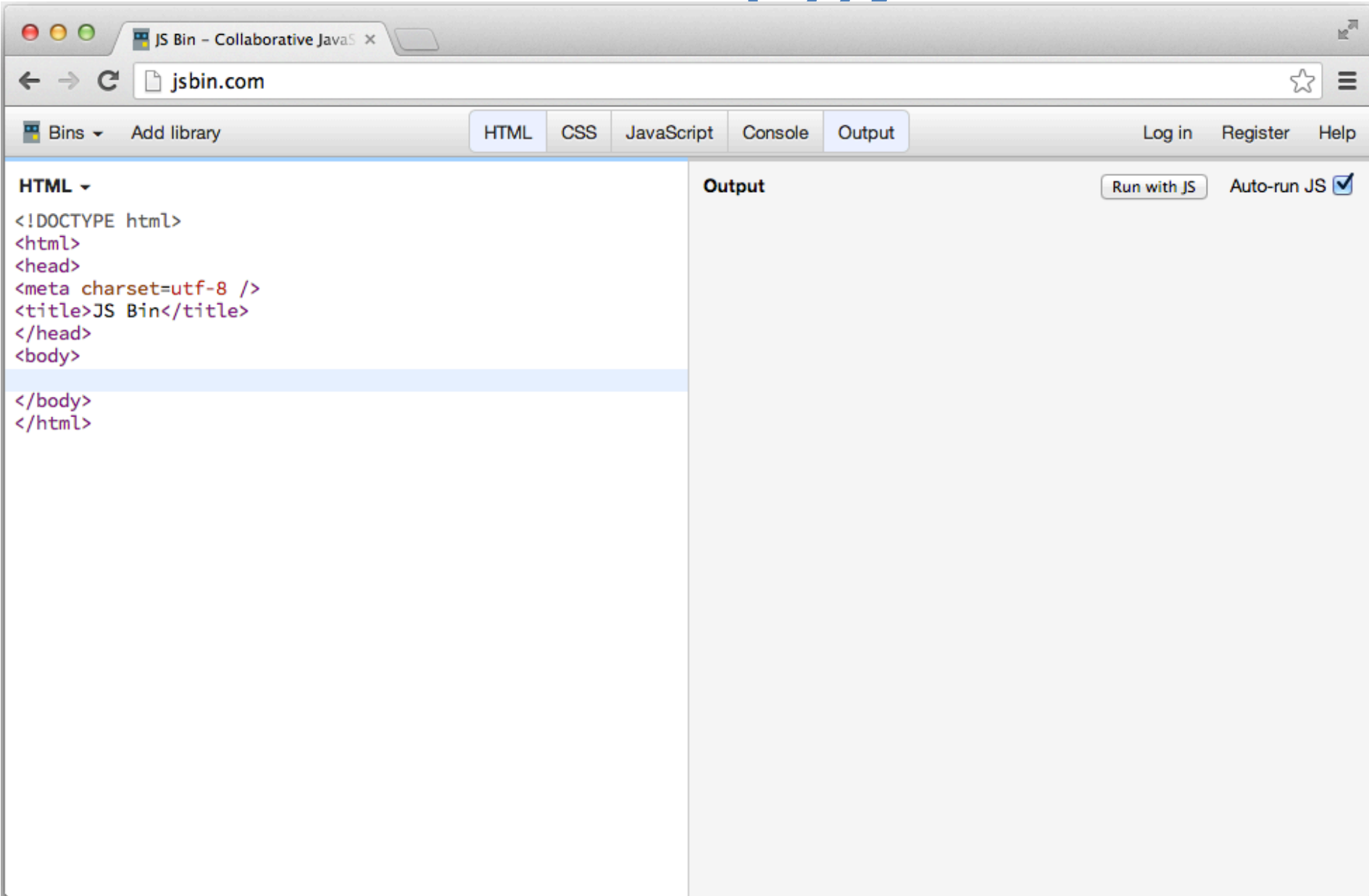
<http://jsbin.com>



Mobile Myday



Online Editor: <http://jsbin.com>



CompileOnline: Try jQueryMobile Online

The screenshot shows the CompileOnline jQueryMobile online editor interface. The browser address bar displays `www.compileonline.com/try_jquerymobile_online.php`. The page title is "compileonline.com - Try jQueryMobile online". The interface includes a navigation bar with links for Home, Languages, Web Editors, About, and Help. Below the navigation bar, there are tabs for "Result Preview" and "HTML with jQuery Mobile", and a "Default Ace Editor" button. The main area is divided into two panels. The left panel shows the HTML code for a jQueryMobile page, which includes a header with the title "Page Title1", a content area with the text "Page content goes here." and a link "Go to second page", and a footer with the text "Page Footer1". The right panel shows the rendered result of the code, which displays the same content as the left panel. The status bar at the bottom of the editor shows "javascript:void(0)".

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Page Title</title>
5     <meta name="viewport" content="width=device-width, initial-scale=1" />
6     <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
7     <link type="text/css" href="http://code.jquery.com/mobile/latest/jquery.mobile.min.css" rel
8   = "stylesheet" />
9     <script type="text/javascript" src="http://code.jquery.com/mobile/latest/jquery.mobile.min.js"
10  ></script>
11   </head>
12   <body>
13     <div data-role="page" id="first" data-theme="a">
14       <div data-role="header">
15         <h1>Page Title1</h1>
16       </div><!-- /header -->
17       <div data-role="content">
18         <p>Page content goes here.</p>
19         <a href="#second">Go to second page</a>
20       </div><!-- /content -->
21       <div data-role="footer">
22         <h4>Page Footer1</h4>
23       </div><!-- /footer -->
24     </div><!-- /page -->
25
26     <div data-role="page" id="second" data-add-back-btn="true" data-theme="b">
27       <div data-role="header">
28         <h1>Page Title2</h1>
29       </div><!-- /header -->
30       <div data-role="content">
31         <p>Page content goes here.</p>
32       </div><!-- /content -->
33       <div data-role="footer">
34         <h4>Page Footer2</h4>
35       </div><!-- /footer -->
36     </div><!-- /page -->
37   </body>
38 </html>
```

http://www.compileonline.com/try_jquerymobile_online.php

Min-Yuh Day Mobile App - x

jsbin.com/lwOMezo/1/edit

Bins Add library Share

HTML CSS JavaScript Console Output

Log in Register Help

HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>Min-Yuh Day Mobile App</title>
    <meta charset=utf-8 />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
    <link type="text/css" href="http://code.jquery.com/mobile/latest/jquery.mobile.min.css" rel="stylesheet" />
    <script type="text/javascript" src="http://code.jquery.com/mobile/latest/jquery.mobile.min.js"></script>
  </head>
  <body>
    <div data-role="page" id="MyHome" data-theme="b">
      <div data-role="header" data-theme="b">
        <h1>Min-Yuh Day</h1>
      </div><!-- /header -->

      <div data-role="content">
        <div style="text-align:center">
          
        </div>
        <ul data-role="listview" data-inset="true" data-filter="true">
          <li><a href="#Vita">Vita</a></li>
          <li><a href="#Education">Education</a></li>
          <li><a href="#Research">Research</a></li>
          <li><a href="#Publications">Publications</a></li>
          <li><a href="#Teaching">Teaching</a></li>
          <li><a href="#ProfessionalActivities">Professional Activities</a></li>
        </ul>

        <a href="http://mail.tku.edu.tw/myday" data-role="button" data-icon="star">Classic Web</a>

      </div><!-- /content -->

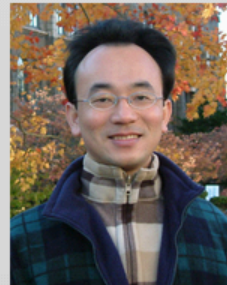
      <div data-role="footer" data-position="fixed" data-theme="b">
        <h4>Mobile Myday @ 2013</h4>
      </div><!-- /footer -->
    </div><!-- /page 1 MyHome-->

    <div data-role="page" id="Vita" data-add-back-btn="true" data-theme="b">
      <div data-role="header" data-theme="b">
```

Output

Run with JS Auto-run JS

Min-Yuh Day



Filter items...

- Vita
- Education
- Research
- Publications
- Teaching
- Professional Activities

Classic Web

Mobile Myday @ 2013

jQuery jQuery.Mobile js css

```
<!DOCTYPE html>
<html>
  <head>
    <title>Min-Yuh Day Mobile App</title>
    <meta charset=utf-8 />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
    <link type="text/css" href="http://code.jquery.com/mobile/latest/jquery.mobile.min.css" rel="stylesheet" />
    <script type="text/javascript" src="http://code.jquery.com/mobile/latest/jquery.mobile.min.js"></script>
  </head>
```

Page 1 MyHome

```
<body>
  <div data-role="page" id="first" data-theme="b">
    <div data-role="header" data-theme="b">
      <h1>Min-Yuh Day</h1>
      <a href="index.html" data-icon="home">Home</a>
    </div><!-- /header -->

    <div data-role="content">
      <div style="text-align:center">
        
      </div>
      <ul data-role="listview" data-inset="true" data-filter="true">
        <li><a href="#Vita">Vita</a></li>
        <li><a href="#Education">Education</a></li>
        <li><a href="#Research">Research</a></li>
        <li><a href="#Publications">Publications</a></li>
        <li><a href="#Teaching">Teaching</a></li>
        <li><a href="#ProfessionalActivities">Professional Activities</a></li>
      </ul>

      <a href="http://mail.tku.edu.tw/myday" data-role="button" data-icon="star">Classic Web</a>

    </div><!-- /content -->

    <div data-role="footer" data-position="fixed" data-theme="b">
      <h4>Mobile Myday @ 2013</h4>
    </div><!-- /footer -->
  </div><!-- /page 1-->
```

Page 2 Vita

```
<div data-role="page" id="Vita" data-add-back-btn="true" data-theme="b">
  <div data-role="header" data-theme="b">
    <h1>Vita</h1>
  </div><!-- /header -->
  <div data-role="content">
    <div style="text-align:center">
      
    </div>
    <p>Dr. Min-Yuh Day is an Assistant Professor in the Department of Information Management at Tamkang University, Taiwan. ....</p>
  </div><!-- /content -->
  <div data-role="footer" data-position="fixed" data-theme="b">
    <h4>Mobile Myday @ 2013</h4>
  </div><!-- /footer -->
</div><!-- /page 2 Vita-->
```

Page 3 Education

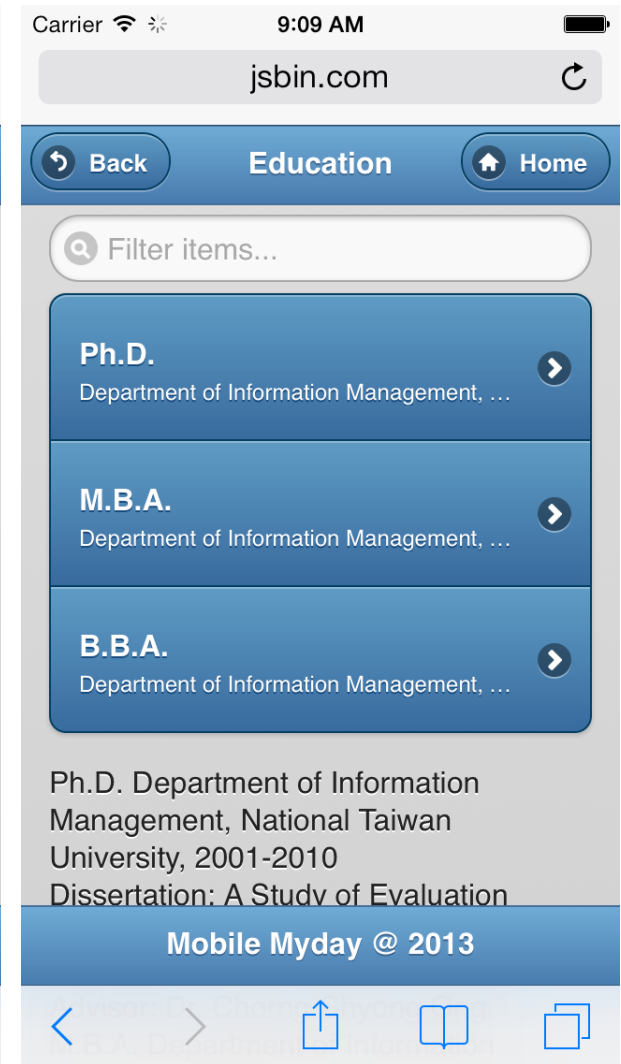
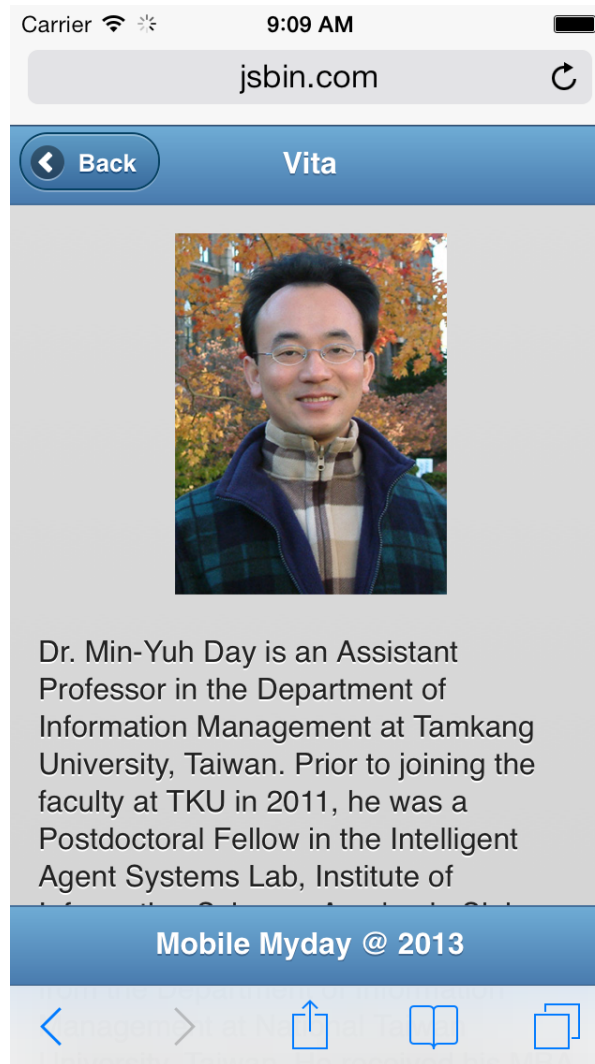
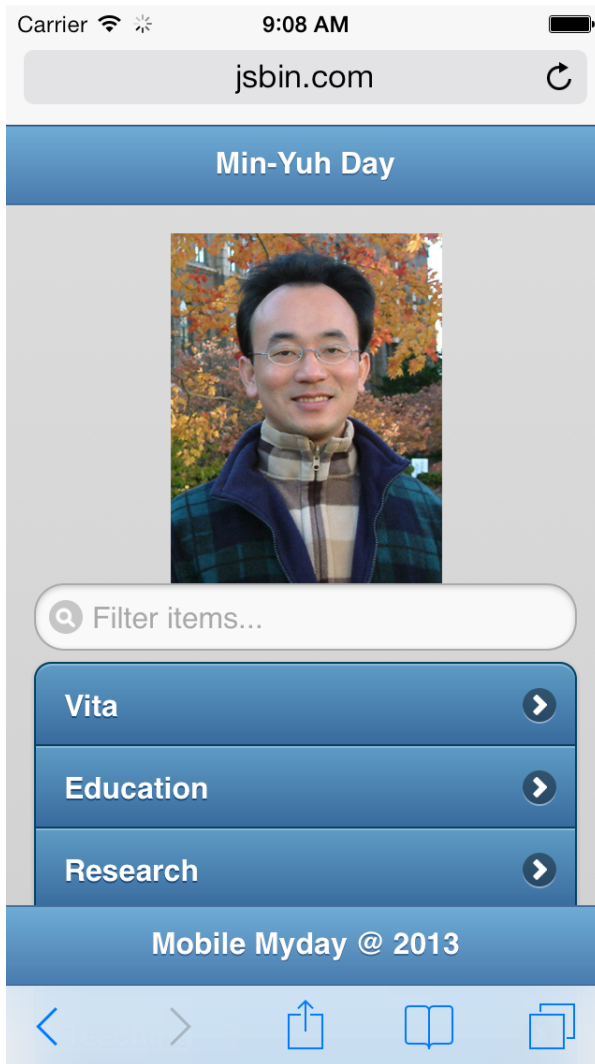
```
<div data-role="page" id="Education" data-theme="b">
  <div data-role="header" data-position="inline" data-theme="b">
    <a data-icon="back" data-rel="back" back-btn="true">Back</a>
    <h1>Education</h1>
    <a href="#" data-icon="home">Home</a>
  </div><!-- /header -->
  <div data-role="content">

    <ul data-role="listview" data-inset="true" data-filter="true">
      <li>
        <a href="#" class="ui-link-inherit">
          <h3 class="ui-li-heading">Ph.D.</h3>
          <p class="ui-li-desc">Department of Information Management, National Taiwan University, 2001-2010</p>
        </a>
      </li>
      <li>
        <a href="#" class="ui-link-inherit">
          <h3 class="ui-li-heading">M.B.A.</h3>
          <p class="ui-li-desc">Department of Information Management, Tamkang University, 1993-1995</p>
        </a>
      </li>
      <li>
        <a href="#" class="ui-link-inherit">
          <h3 class="ui-li-heading">B.B.A.</h3>
          <p class="ui-li-desc">Department of Information Management, Tamkang University, 1989-1993</p>
        </a>
      </li>
    </ul>

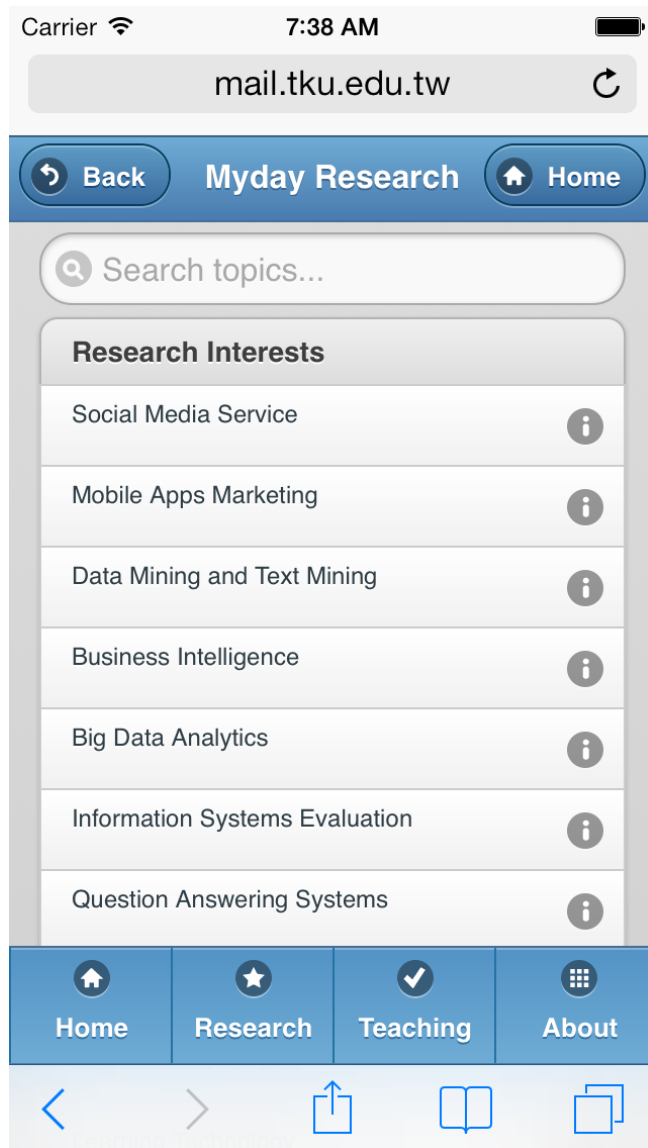
  </div><!-- /content -->
  <div data-role="footer" data-position="fixed" data-theme="b">
    <h4>Mobile Myday @ 2013</h4>
  </div><!-- /footer -->
</div><!-- /page 3 Education-->

</body>
</html>
```

Mobile Myday



Mobile Myday



<http://mail.tku.edu.tw/myday/m>

Page 4 Research

```
<div data-role="page" id="Research" data-theme="b">
  <div data-role="header" data-position="inline" data-theme="b">
    <a data-icon="back" data-rel="back" back-btn="true">Back</a>
    <h1>Myday Research</h1>
    <a href="#MyHome" data-icon="home">Home</a>
  </div><!-- /header -->
  <div data-role="content">

    <ul data-role="listview" data-inset="true" data-filter="true" data-filter-placeholder="Search topics..." data-theme="c">
      <li data-role="list-divider" data-theme="c">Research Interests</li>
      <li data-icon="info"><a href="#"><p>Social Media Service</p></a></li>
      <li data-icon="info"><a href="#"><p>Mobile Apps Marketing</p></a></li>
      <li data-icon="info"><a href="#"><p>Data Mining and Text Mining</p></a></li>
      <li data-icon="info"><a href="#"><p>Business Intelligence</p></a></li>
      <li data-icon="info"><a href="#"><p>Big Data Analytics</p></a></li>
      <li data-icon="info"><a href="#"><p>Information Systems Evaluation</p></a></li>
      <li data-icon="info"><a href="#"><p>Question Answering Systems</p></a></li>
      <li data-icon="info"><a href="#"><p>Knowledge Management</p></a></li>
      <li data-icon="info"><a href="#"><p>Electronic Commerce</p></a></li>
      <li data-icon="info"><a href="#"><p>Learning Technology</p></a></li>
      <li data-icon="info"><a href="#"><p>Intelligent Information Systems</p></a></li>
      <li data-icon="info"><a href="#"><p>Biomedical Informatics</p></a></li>
    </ul>

  </div><!-- /content -->

  <div data-role="footer" data-position="fixed" data-theme="b">
    <div data-role="navbar">
      <ul>
        <li><a href="#MyHome" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="home">Home</a></li>
        <li><a href="#Research" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="star">Research</a></li>
        <li><a href="#Teaching" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="check">Teaching</a></li>
        <li><a href="#About" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="grid">About</a></li>
      </ul>
    </div>
  </div><!-- /footer -->

</div><!-- /page 4 Research-->
```

Page 5 Teaching

```
<div data-role="page" id="Teaching" data-theme="b">
  <div data-role="header" data-position="inline" data-theme="b">
    <a data-icon="back" data-rel="back" back-btn="true">Back</a>
    <h1>Myday Teaching</h1>
    <a href="#MyHome" data-icon="home">Home</a>
  </div><!-- /header -->

  <div data-role="content">
    <div style="text-align:center">
      
    </div>
    <ul data-role="listview" data-inset="true" data-filter="true" data-filter-placeholder="Search courses..." data-theme="c">
      <li data-role="list-divider" data-theme="c">Fall 2013 (2013.09-2014.01)<span class="ui-li-count">3</span></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1021SMAP" rel="external"><p>Social Media Apps Programming <br>(Fall 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1021CSIM4B" rel="external"><p>Case Study for Information Management <br>(Fall 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1021IS" rel="external"><p>Digital Information Services <br>(Fall 2013)</p></a></li>
      <li data-role="list-divider" data-theme="c">Spring 2013 (2013.02-2013.06)<span class="ui-li-count">4</span></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1012BIT" rel="external"><p>Business Intelligence Trends <br>(Spring 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1012SMMM" rel="external"><p>Social Media Marketing Management <br>(Spring 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1012DM" rel="external"><p>Data Mining <br>(Spring 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1012ISM" rel="external"><p>The Issue of Information Security Management <br>(Spring 2013)</p></a></li>
    </ul>
  </div><!-- /content -->

  <div data-role="footer" data-position="fixed" data-theme="b">
    <div data-role="navbar">
      <ul>
        <li><a href="#MyHome" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="home">Home</a></li>
        <li><a href="#Research" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="star">Research</a></li>
        <li><a href="#Teaching" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="check">Teaching</a></li>
        <li><a href="#About" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="grid">About</a></li>
      </ul>
    </div>
  </div><!-- /footer -->
</div><!-- /page 5 Teaching-->
```

Summary

- jQuery Mobile
 - JavaScript Library
 - jQuery
 - jQuery UI
- Demo
 - Building Mobile Apps with JQuery Mobile



References

- Learn HTML5 and JavaScript for iOS: Web Standards-based Apps for iPhone, iPad, and iPod touch, Scott Preston, Apress, 2012
- jQuery Mobile
 - <http://jquerymobile.com/>