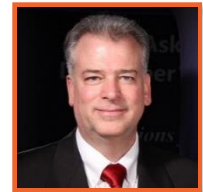


Standard Business Forms

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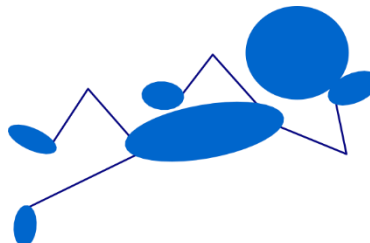
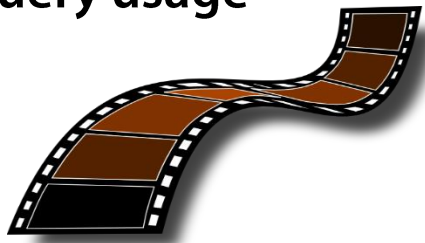
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Reasons to Watch This Video

- **Create several standard business forms**
 - Login, Forgot Password, Registration, Member Profile, About, Contact Us, Credit Card, Address
- **Use standard Web Forms controls**
- **Use validator controls**
- **Use glyph icons**
- **Employ jQuery UI library for accordions and tabs**
- **Modal dialogs**
- **Media query usage**



Business UI Master Page

- **Set <meta> tags**
- **Add CSS**
 - Bootstrap
 - jQuery UI
 - Your custom styles
- **Add JS**
 - jQuery
 - Bootstrap plugins
 - jQuery UI
 - Modernizr

Business UI Master Page

- Content place holders
- **<head>**
 - HeadContent – Styles and jQuery for your page
- **<body>**
 - MainContent – Your page content
 - EndOfPageContent – jQuery for your page

Business UI Master Page

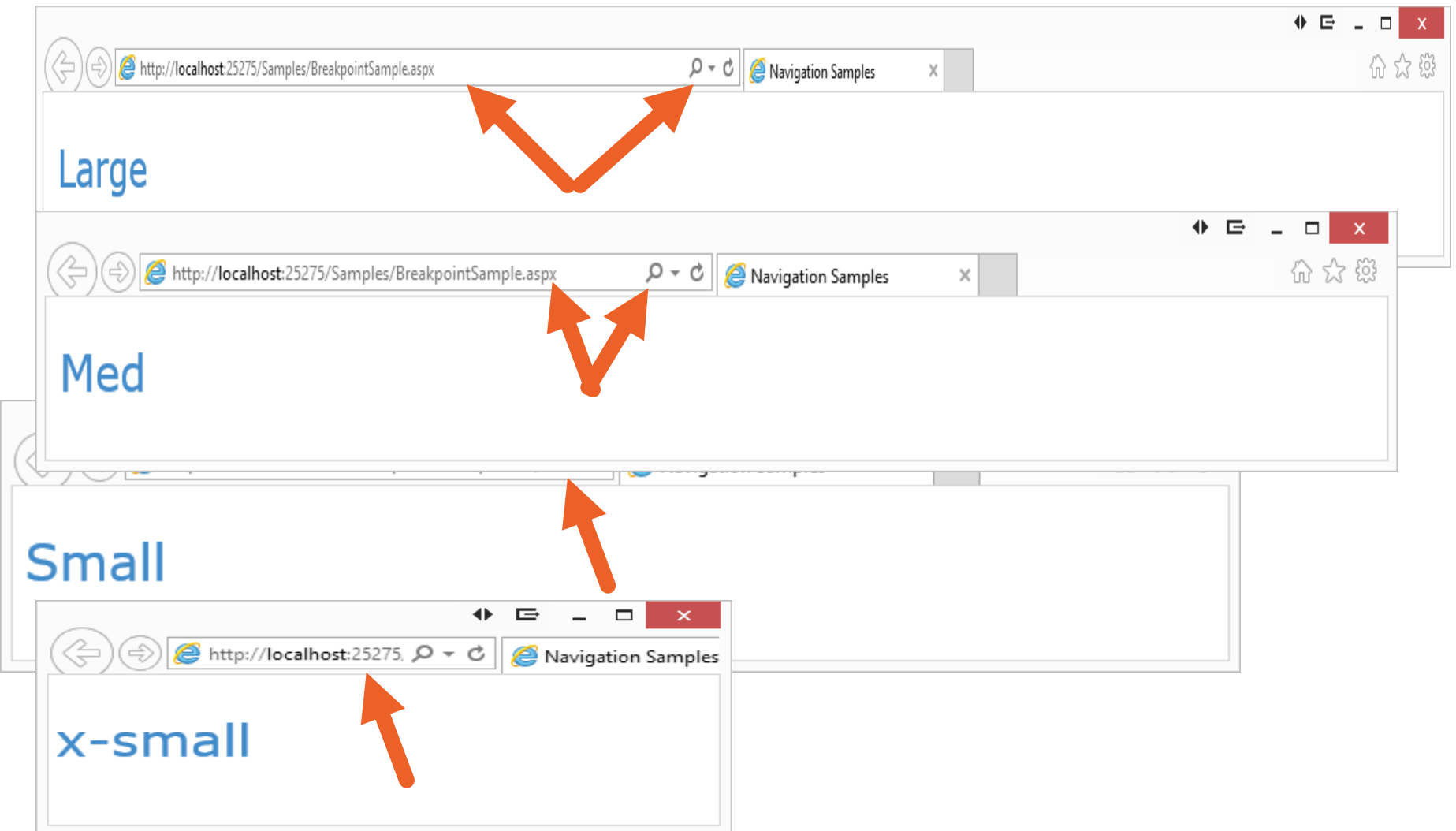
```
<html>
<head runat="server">
  <asp:ContentPlaceHolder ID="HeadContent">
  </asp:ContentPlaceHolder>
</head>
<body>
  <form id="MainForm" role="form">
    <nav>Navigation Here</nav>
    <div class="container contentArea">
      <asp:ContentPlaceHolder ID="MainContent">
      </asp:ContentPlaceHolder>
    </div>
  </form>
  <asp:ContentPlaceHolder ID="EndOfPageContent">
  </asp:ContentPlaceHolder>
</body>
</html>
```

Master Page Nav Tip

- Add “visible-??” for each bootstrap breakpoint
- See when a breakpoint happens
- Helps you layout your screens

```
<a href="#" class="visible-lg">Large</a>  
<a href="#" class="visible-md">Med</a>  
<a href="#" class="visible-sm">Small</a>  
<a href="#" class="visible-xs">x-small</a>
```

Breakpoints



Demo

- Master Page
- Breakpoints

Business Forms

- Use bootstrap “panel” for most forms

```
<div class="panel panel-default">
  <div class="panel-heading">
    <h3 class="panel-title">Title</h3>
  </div>
  <div class="panel-body">
    <div class="form-group">
      <label>Label</label>
      <asp:TextBox />
    </div>
  </div>
  <div class="panel-footer">
    <asp:Button />
  </div>
</div>
```

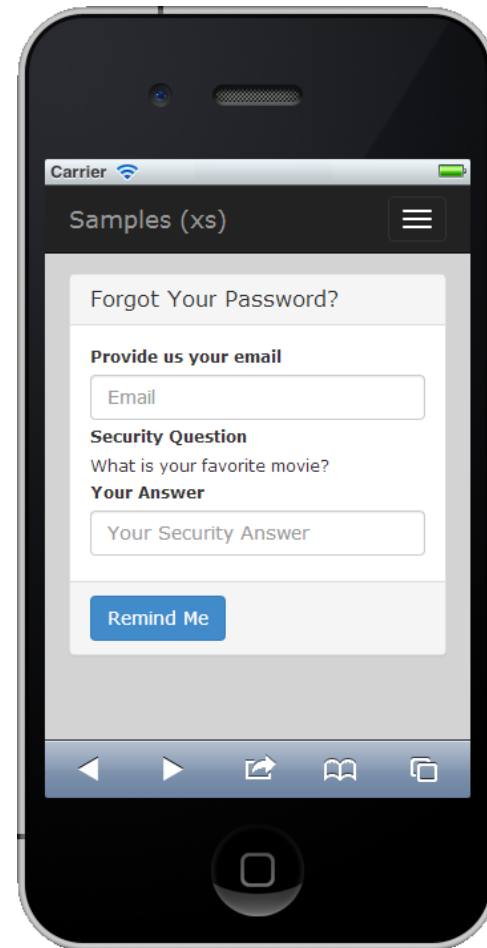
Title

Label

Submit

Forgot Password Screens

- Email address
- Security question and answer
- Use “form-control-static” class to display text
- Use panel classes for layout
- Add row for messages

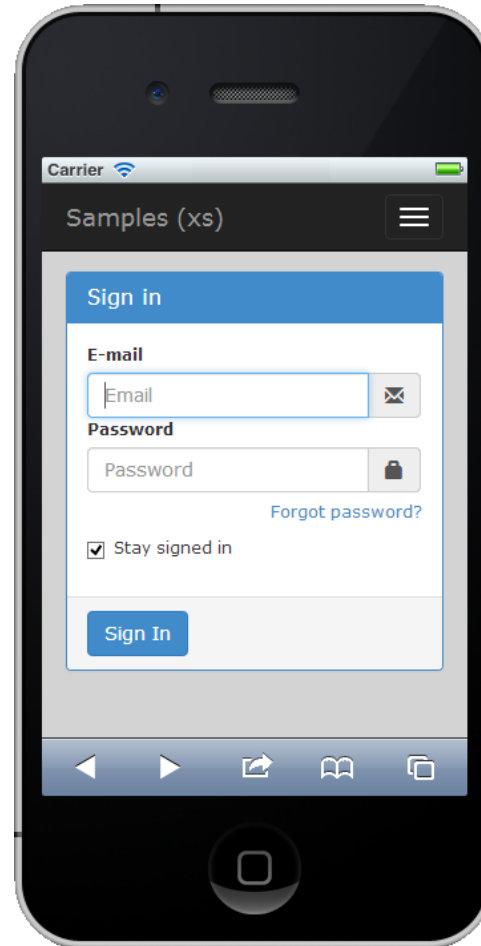


Demo

- Forgot password screens

Login Screens

- Either 'user name' or 'email'
- Password field
- Add link for forgot password
- Add check box for "stay signed in"
- Can display as a modal dialog
- Use Web Forms validator controls

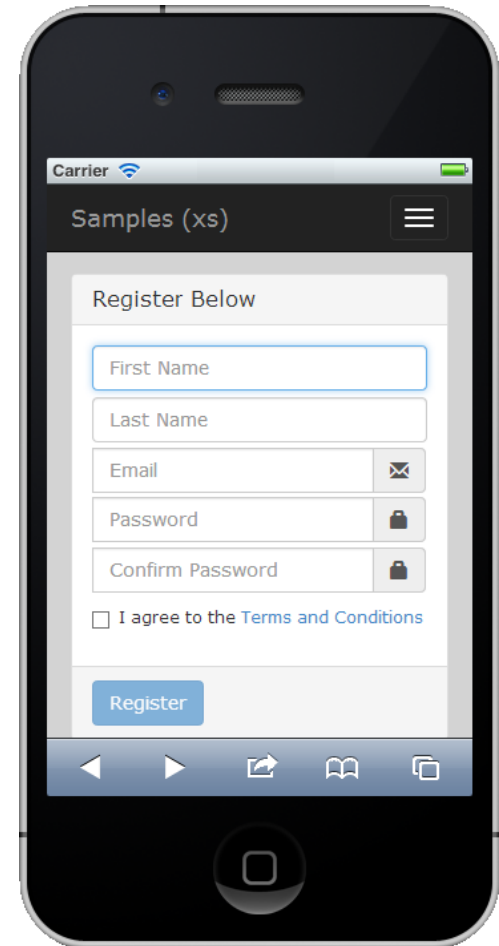


Demo

- Login screens

Registration Screens

- **Ask user for registration info**
 - First, Last, Email, Password, Confirm Password
- **Accept Terms**
 - Shown as modal dialog
- **jQuery used to check “Accept Terms”**
- **Register button only active after checking “Accept Terms”**
- **Different column sizes for different fields**

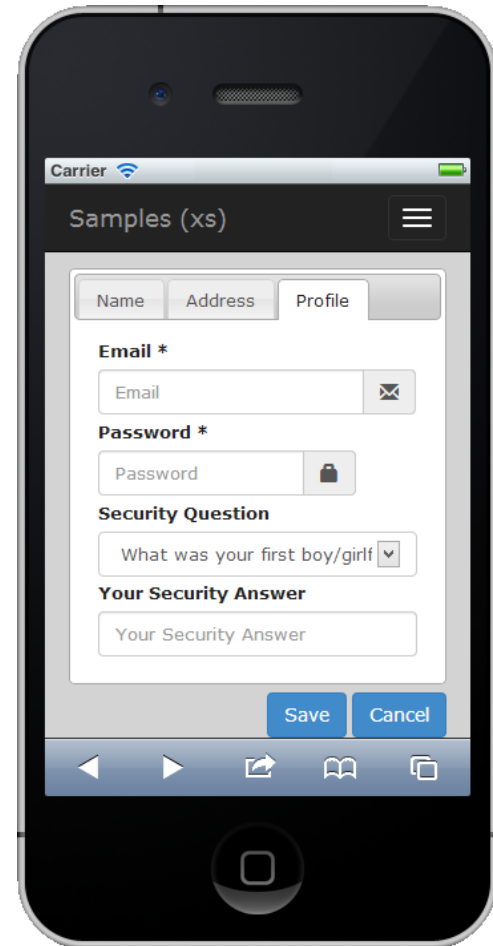


Demo

- Registration screens

Member Profile Screens

- Use drop-down lists for birth date
- Use multiple columns on certain lines
 - First name, last name
 - Street, apt
- Use jQuery UI tabs and DatePicker for birth date

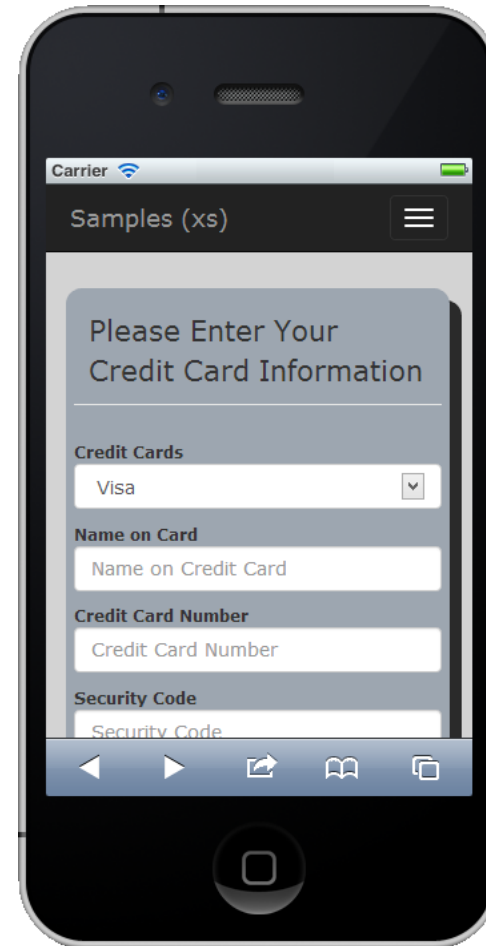


Demo

- Member profile screens

Credit Card Screen

- XML file holds credit card types
- .NET classes used for loading months and years
- Use 'form-inline' for billing date
- Use autocomplete="off" for security

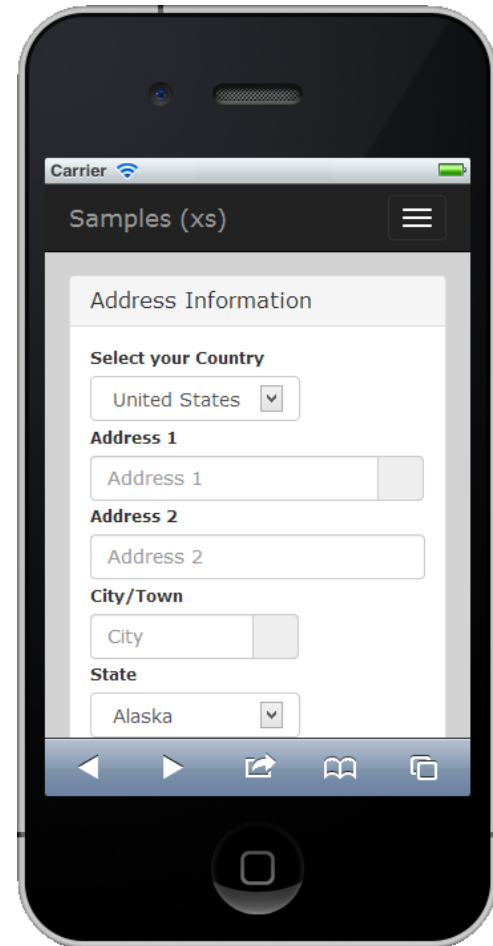


Demo

- Credit Card Screen

Address Screen

- **Modify screen based on country code**
 - Change how many address lines
 - Zip code and postal code
- **Use Web Forms validator controls**
- **Turning <div> tags off and on**
- **Must enable ViewState for AutoPostBack to work**

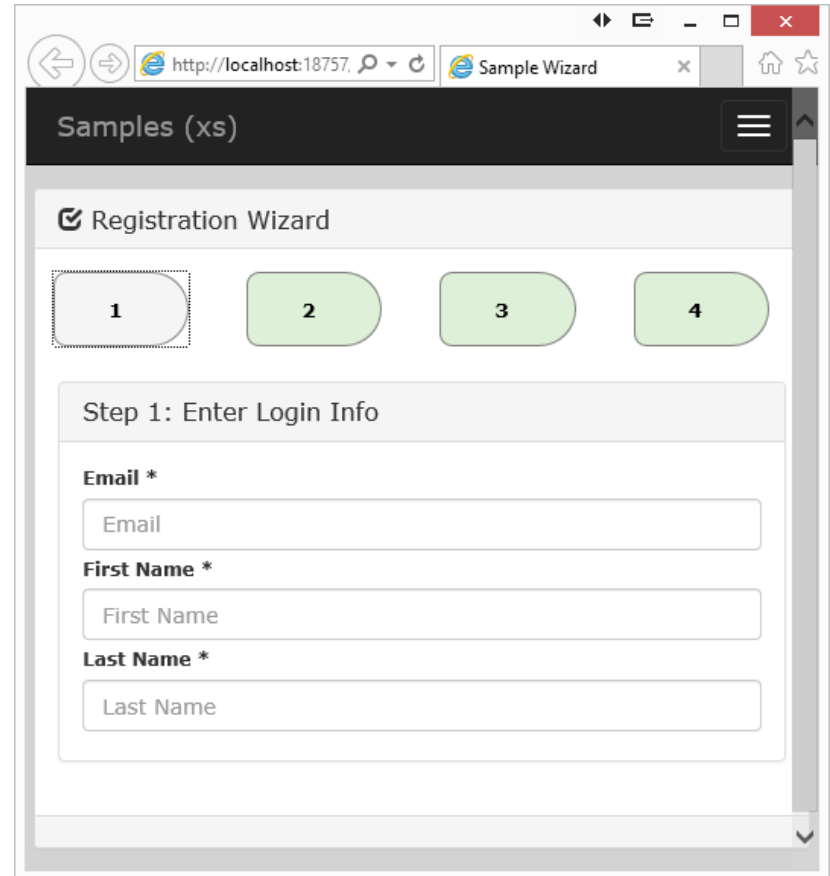


Demo

- Address Screen

Wizard Screen

- Walk a user through series of steps
- Use bootstrap tabs
- Style the tabs
- Use 'data-toggle' attribute and 'tab-pane'
- Use validation summary



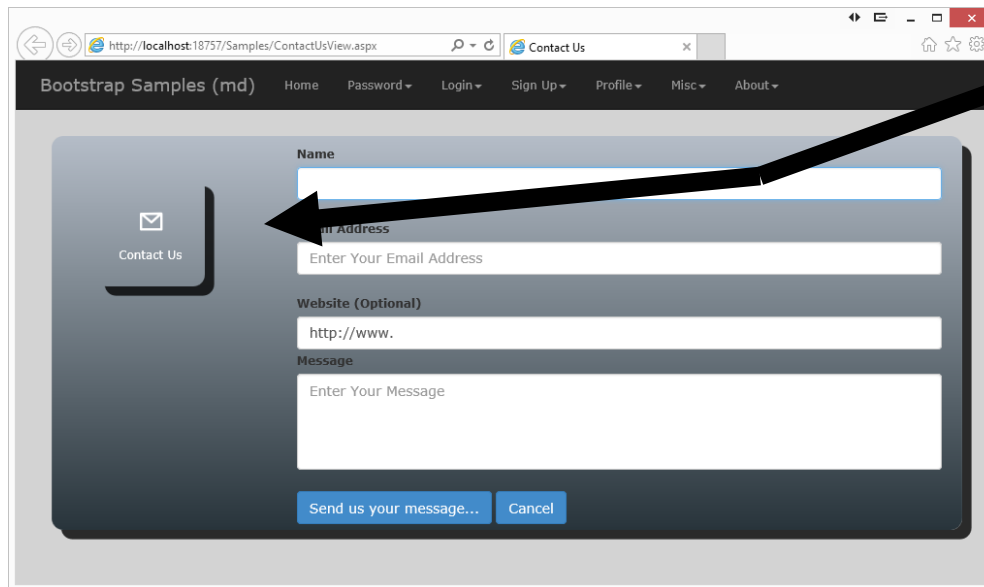
The screenshot displays a web browser window with the address bar showing 'http://localhost:18757/' and the page title 'Sample Wizard'. The browser's address bar also shows 'Samples (xs)' and a hamburger menu icon. The main content area features a 'Registration Wizard' with a progress bar at the top. The progress bar consists of four numbered tabs: 1 (active, outlined), 2 (green), 3 (green), and 4 (green). Below the progress bar, the first step is titled 'Step 1: Enter Login Info'. This step contains three required text input fields: 'Email *', 'First Name *', and 'Last Name *'. Each field has a placeholder text matching its label. The browser's status bar at the bottom shows a scroll indicator.

Demo

- Wizard Screen

Contact Us Screen

- Ask user for contact info
- Contact us image changes location
 - Media query changes style

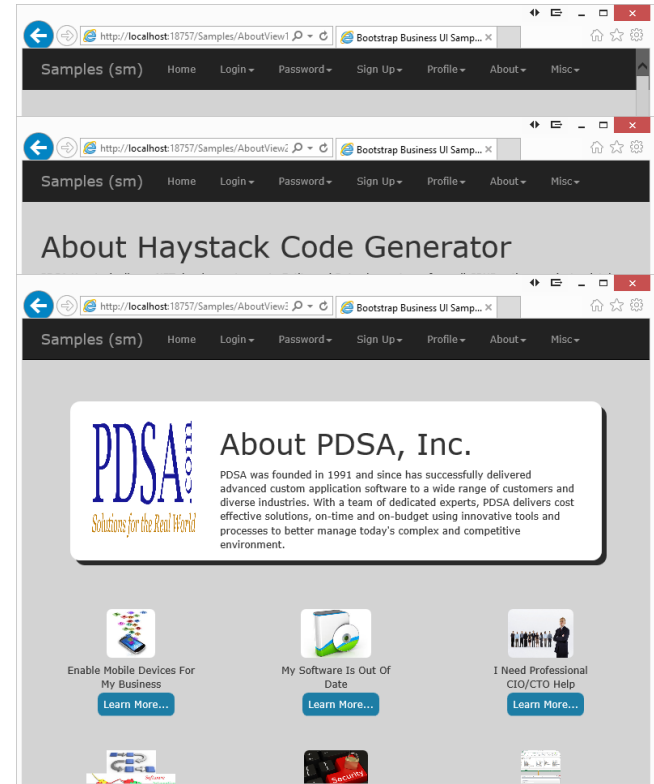


Demo

- Contact us screens

About Screens

- Can make these look like whatever you want
- Use CSS 3
 - Rounded corners
 - Drop shadows
- Use glyphs on lists
- Use 'img-responsive' on large images
- Use 'img-rounded' when you want rounded images

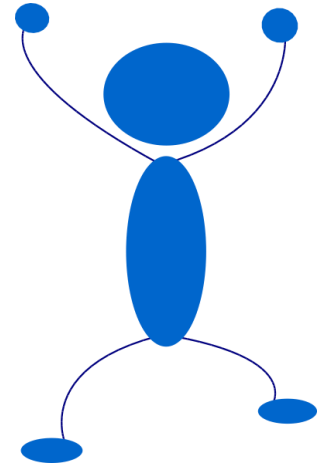


Demo

- About screens

Summary

- **Bootstrap / jQuery UI / Modernizr**
 - A powerful combination
- **Use panel class around inputs**
- **Take advantage of input-group and glyph icons**
- **Use new HTML 5 attributes**
 - Placeholder, title, autofocus, etc.
- **Use media queries to change size/layout**



Course Summary

- Building mobile web sites using Web Forms, bootstrap and HTML 5
- Web Forms is still great to use for modern web apps
 - .NET 4.5 supports same features that are in MVC
- Horizontal navigation is built into bootstrap
- Vertical (or side) navigation you have to create yourself
- Use media queries for customized experiences
- Come up with alternate layouts using the GridView
- Create standard business forms using panel classes

