MIS3690 WEB TECHNOLOGIES

BABSON COLLEGE

TOIM DIVISION

JQUERY MOBILE

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- jQuery Mobile is a touch-friendly UI framework built on jQuery Core that works across all popular mobile, tablet and desktop platforms.

- http://jquerymobile.com/

DEMO

- http://demos.jquerymobile.com/1.4.5/

- Examine the following :

  - Pages & Navigation

  - CSS Framework

  - Widgets

  - Form widgets

THEMING

- jQuery Mobile has a robust theme framework that supports up to 26 sets of toolbar, content and button colors, called a "swatch".

  - Just add a data-theme="b" attribute to any of the widgets on this page to turn it black.

- Cool party trick: add the theme swatch to the page and see how all the widgets inside the content will automatically inherit the theme.

- When you're ready to build a custom theme, use ThemeRoller to drag and drop, then download a custom theme.

  - https://themeroller.jquerymobile.com/

TAKEAWAY

■ JQuery Mobile takes much of the work out of developing a layout that works on a mobile device, and also allows for web pages that automatically adapt to any device size, smartphone, tablet, desktop.

■ Themes allow the developer to choose from a variety of User Interfaces, which they can then customize.

BOOTSTRAP3

WEB TECH 101

- HTML

  - Defines the data and structure of the page using elements

- CSS

  - Defines how the data and the elements actually look, and how they behave when interacting with them

- JavaScript

  - The programming language of the web

TWITTER BOTTSTRAP

- Twitter Bootstrap is a popular UI framework
  http://getbootstrap.com/getting-started/

- More than 1% of all websites are powered by Twitter Bootstrap

- http://expo.getbootstrap.com/

FEATURES

- CSS resetting for cross browser compatibility

- Grid scaffolding for design

- Multi-screen support (responsive design)

- "Mobile first", like jQuery Mobile

- And a really good looking UI framework