



# MIS3690 WEB TECHNOLOGIES

**BABSON COLLEGE**  
**TOIM DIVISION**



# INTRO TO THE JQUERY UI

## THEMES AND WIDGETS

# ABOUT THE JQUERY UI

- Consists of “a curated set of user interface interactions, effects, widgets, and themes built on top of the jQuery JavaScript Library.”
- It is open source and free
- Available at the jQueryUI site at <http://jqueryui.com/>
- Let's go there now

# DEMO

- Select Demo
- Examine the following widgets:
  - Accordion
  - Autocomplete
  - Datepicker
  - Slider
  - Tabs

# SELECTING THEMES & DOWNLOADING

- Click on [Themes](#)
- Click on [Gallery](#)
- Click on some of the galleries to see how they affect selected widgets
- The [Roll Your Own](#) tab allow you to completely customize your theme, or you can edit an existing theme. We won't cover these options.
- Select the [Redmond](#) theme (third row) and click the Download button

## DOWNLOADING (CONT.)

- Select the [Stable](#) version
- Unselect Toggle All components
- Scroll down to [Widgets](#) and select [Accordion](#), [Datepicker](#), and [Tabs](#)
- Notice that some of the UI core has automatically been selected for you
- Scroll down and click the [Download](#) button

# PREPARING TO USE THE UI

- Extract all files from the downloaded zip file
- Copy the css, development-bundle, and js folders into a new folder
- Download CS22-InClass-jQueryUI.htm and copy it into the folder
- Make another copy of CS22-InClass-jQueryUI.htm in the folder and call it accordion.htm

# MODIFYING THE ACCORDION PAGE

- Open accordion.htm in Code in one window
- Open index.html from the downloaded package in another window
- Copy the `<link>` and two `<script>` lines below it from the html page to your accordion page
- After the `<form>` tag, add `<div id="accordion">`. Close the div just before the `</form>` tag
- Add `<h3>Contact Information</h3>` before the `<fieldset>` tag
- Add `<h3>Satisfaction</h3>` after the `</fieldset>` tag
- Add `<h3>Submission</h3>` before the last `<p>` tag
- Add a `<div>` tag after the Satisfaction `</h3>` and before the Submission `<h3>`
- Copy the jQuery script from the html page to your accordion page
- Optionally delete the tabs and datepicker functions
- Optionally eliminate the `<fieldset>` and `<legend>` opening and closing tags
- Save and run your page
- Explore accordion widget options



# MODIFYING THE CS22-INCLASS-JQUERYUI.HTM PAGE

- Modify CS22-InClass-jQueryUI.htm to tab the parts of the form rather than have them in an accordion setup
- Add a form to the page in the Satisfaction section to allow the user to enter the date purchased through a datepicker UI widget