



## Assessment 3: Create your first mobile-fit website (25 points)

**Due:** see the course outline for a specific date

In this assignment, you will practice creating a mobile web app using jQuery Mobile. You need materials from lessons 5, 6, and 7 to complete this assignment. Please check the instructions and requirements.

### ■ Instructions

Use these instructions to execute the 'Project [plan](#)'-[Plan](#)' you created in Assignment 2. :

1. Application Features: The web application has a simple feature set, and users should be able to do the following:
  - a. Create notes.
  - b. Edit notes.
  - c. Delete notes.
  - d. Store notes on the device that is running the application, across browser sessions.
  - e. View the entire collection of notes.

How to plan this project:

1. First, take care of the details for selecting page elements, adding new page elements, and updating the DOM.
2. Second, use jQuery UI to build the web application interface.
3. Third, use the following steps to use both libraries:
  - a. The first thing you need in the app is an interface for users to create and edit notes. You can do this by employing a form. Use jQuery UI library to do so.
  - b. You also need a view that renders a list of the existing notes. You can connect the Notes List with the Note Editor in such a way that the Notes List will correctly reflect note additions, edits, and deletions.
  - c. Now you must define the features and design of the app, which brings us right into the realm of specifications and deployment.

**Notes list**

Enter item

Item 1

Item 2

### ■ Requirements

I would highly recommend keeping your design—as much as possible—simple. Your design must, at a minimum, meet most of these requirements:

1. The application should start with an empty list.
2. A form should be used for note creation, so that the user will use [it](#) to enter a note.
3. When a user adds or removes a note, the main page view should be updated. That means you need to store your notes in a list.
4. When a user adds a new note, it should appear at the bottom of the list.
5. Users should have the ability to add a note to the list (Make sure to update the list).

6. Users should have the ability to edit the note, and that must be accomplished using the same form that creates notes in the first place.

**Please refer to the rubric at the end of this document for evaluation details.**

## **Submission**

1. Name your folder assignment\_3\_project.
2. Right-click on the folder and select 'Send to -> Compressed (zipped) folder'.
3. Upload the zipped folder to the Assignment 3 Dropbox

## **How to zip your project folder:**

Here are some links that may help compress your main/root folder. Please send only that zip folder.

- How to zip a file in Windows 10: <https://www.laptopmag.com/articles/how-to-zip-files-windows-10>
    - Free file compressor application for Windows: <http://www.7-zip.org/download.html>
  - How to zip a file in Mac: <https://www.lifewire.com/how-to-zip-and-unzip-files-and-folders-on-a-mac-2260188>
    - Free file compressor application for Mac: <https://theunarchiver.com/>
  - How to save a pdf in MS Word document: <https://www.bettercloud.com/monitor/the-academy/save-word-doc-pdf/>
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## Evaluation

This assessment is graded out of 25 points and will be evaluated using the following rubric.

Learners may receive partial scores or zero for unacceptable work.

	<b>Excellent: 5 points</b>	<b>Good: 3 points</b>	<b>Fair: 1 point</b>	<b>Poor: 0 points</b>	<b>Score</b>
<b>Create notes and Delete notes</b>	Notes are added or deleted with the default style and their content is updated correctly. The app layout is organized, and new notes are added appropriately to the end of the list.	Notes are added or deleted with the default style and their content is updated correctly. However, the app layout is not organized—yet new notes are added appropriately to the end of the list.	Notes are added or deleted with the default style, but their content is not updated correctly. Furthermore, the app layout is not organized, and new notes are not added appropriately to the end of the list.	Notes are added or deleted without the default style, and their content is not updated correctly. The app layout is not organized, and new notes are not added appropriately to the end of the list.	<b>/5</b>
<b>Edit notes</b>	Notes edit in the form and form function permits data entry. Edited notes are correctly positioned in the main view list.	Notes edit in the form and form function permits data entry. However, edited notes are incorrectly positioned in the main view list.	Notes edit in the form, but form function does not permit data entry. Furthermore, edited notes do not position correctly in the main view list.	Notes do not edit in the form, but form function does not permit data entry. Furthermore, edited notes do not position correctly in the main view list.	<b>/5</b>
<b>App layout</b>	Notes are organized, and their width fits the page. Notes order as required. The layout is organized and there are no overflow issues.	Notes are organized, and their width fits the page. Notes order as required. However, the layout is not organized, and there are a few overflow issues.	Notes are organized, but their width doesn't fit the page. Notes order as required. However, the layout is not organized, and there are some overflow issues.	Notes are not organized, nor does their width fit the page. Notes order as required. However, the layout is not organized, and there are a lot of overflow issues.	<b>/5</b>
<b>Navigation</b>	Links for navigation are clearly labelled and consistently positioned. They allow the reader to easily move from a page to related pages, and take the reader to their expected destination. A user never becomes lost.	Links for navigation are clearly labelled, though perhaps not always consistently positioned. They allow the reader to easily move from page to page, and internal links take the reader to their expected destination. A user rarely becomes lost.	Links for navigation take the reader to their expected destination, but some needed links seem to be missing. A user sometimes gets lost.	Some links do not take the reader to the sites or pages described. A user often feels lost.	<b>/5</b>
<b>Coding</b>	There are no errors in coding on the site, as found by me or an online validator.	There are 1-3 coding errors on the site, as found by me or an online validator.	There are 4-5 coding errors on the site, as found by me or an online validator.	There are more than 6 coding errors on the site, as found by me or an online validator.	<b>/5</b>
				<b>TOTAL</b>	<b>/25</b>