UNIVERSITY OF CALGARY
CONTINUING EDUCATION

Assessment 2: Planning (25 points)

Due: see the course outline for a specific date

In this assignment, you will practice writing a plan to define a project requirement (Assignment 3 project). You need materials from lesson 3, 4 and 5 to complete this assignment. Please check the instruction and requirements to complete this assignment.

In assignment 3, you will create your first mobile-fit web application. The project is creating a mobile to-do list web application. For now, we need to write a plan for that web application. You will start by collecting requirement, design, and sketch a prototype. Please check the instruction and requirements to complete this assignment.

■ **Instructions**

1. Your plan should be organized into three sections:

    a. The first section (Description Section) holds your description and understanding of the project. This section should answer questions of ***"What do you want to make?" and "What technology will you use?".*** (Use Lesson 4 slides for help)

        i. ***"What do you want to make?"***

            1. Steps required to accomplish the project objectives

            2. Tasks needed to be done at each step (using Work Breakdown Structures)

            3. An estimate of how much effort each task requires

            4. The resources required for each task

        ii. ***"What technology will you use?"***

            1. Languages (e.g. HTML, CSS, JavaScript)

            2. Libraries (e.g. jQuery, Bootstrap)

            3. Environments (e.g. cross browsers)

    b. The second section (Feature Section) holds all the information about the project (application) features. You must draw a chart for each feature and identify the process flow between features. You only need to use features listed in assignment 3, under the '***instructions'*** section. This section should answer questions of ***"What features will application include?".***

    c. The third section (Prototype Section) holds all the information about the project prototype. You must provide a design and height level chart. The prototype should show the feature and process flow and how these processes related to each other.

2. Things to keep in mind:

    a. The project features (code) should be divided into units of (tasks/steps) functionality — modules, services, etc. Avoid the temptation to have all of your code in one huge *$(document).ready()* block. This concept, loosely, is known as encapsulation.

    b. Despite jQuery's DOM-centric nature, JavaScript applications are not all about the DOM. Remember that not all pieces of functionality need to — or should — have a DOM representation.

    c. Units of functionality should be loosely coupled, that is, a unit of functionality should be able to exist on its own, and communication between units should be handled via a messaging system such as custom events or pub/sub. Stay away from direct communication between units of functionality whenever possible.

■ Requirements

1. The project plan must include all the three sections of the project description, feature chart, and project prototype.

2. The document should format as follows:

    a. Font size must be 12 points.

    b. Font type is Arial

    c. Headlines should be in bold, and paragraph should not be bold.

3. The project plan should not exceed three pages.

4. Don't repeat yourself. Identify similarities among pieces of functionality and use inheritance techniques to avoid repetitive features.

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

Submit

1. Name your folder assignment_2_project.
2. Right-click on the folder and select 'Send to -> Compressed (zipped) folder'.
3. Upload the zipped folder to the Assignment 2 Dropbox

How to zip your project folder:

Here are some links that may help with compressing your main/root folder and only send 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/

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.

	Excellent: 5 point	Good: 3 point	Fair: 1 point	Poor: 0 point	Score
Identifying	Description, feature chart and Design prototype sections are identified, evaluated and completed as requested.	Description, Context diagram and Design prototype sections are identified, evaluated and completed as requested.	Description, Context diagram and Design prototype sections are identified and evaluated but are not completed as requested.	Description, Context diagram and Design prototype sections are identified but are not evaluated and not completed as requested.	/5
Amount of info for each section	All relevant information was obtained and information for all sections.	Most relevant information was obtained and information for all sections.	Most relevant information was obtained but not information for some of the sections.	Few relevant information was obtained but not information for most of the sections.	/5
Application design related to collected information	Application design considerations were well supported by the information.	Application design considerations were well supported by the information.	Application design considerations were supported by the information.	Application design considerations were not supported by the information.	/5
Final	In general, there is descriptive information about the application.	In general, there is enough descriptive information about the application.	In general, there is descriptive information about the application. However, few inaccuracies make it incomprehensible.	In general, there is almost no descriptive information about the application. Many inaccuracies make it incomprehensible.	/10
				TOTAL	/25