

TOI-OHOMAI

Institute of Technology

COMP.5209

Interface Analysis and Design

Assignment 1

Assessment	Type of Assessment	Due Date & Time	Marks	Weighting
Assign #1	Analysis Assignment	9th September 2019 4pm	See Rubric	30%
Learning outcomes assessed:				
1. Determine client requirements for a web application. 4. Select an appropriate web technology framework				

MARK ALLOCATION:

Task #	Marks Allocated	Marks Awarded
Task 1	25	
Task 2	20	
Task 3	15	
Task 4	20	
Task 5	20	
TOTAL	100	
Percentage	100	

Reminder

The assignment must be a product of your own work, except for the use of resources supplied with the course, discussions conducted with the lecturers, and other assistance shown as acceptable in the section *Assistance to Other Students* below.

Assistance to other students

Students themselves can be excellent resources to assist the learning of fellow students, but there are issues that arise in assessments that relate to the type and amount of assistance given by students to other students. It is important to recognise what types of assistance are beneficial to another's learning and also what types of assistance are acceptable in an assessment.

Beneficial Assistance

- Study Groups
- Discussion
- Sharing reading material

Unacceptable Assistance

- Working together on one copy of the assessment and submitting it as your own work
- Giving another student your work
- Copying someone else's work
- Changing or correcting another student's work
- Copying from books, the Internet etc. and submitting it as your own work

Assessment outcome

Upon successful completion of this assessment you will be able to determine the requirements of a (web) project and be able to display the information collected from a brief into a description that can be used to create some mock ups for the final product.

The brief is attached as a separate document.

Individual Assessment

This assessment is an individual assessment. You are to create a product of your own, but are able to work with other students as per the guidelines above.

Submission Type

This assessment is part 1 of 3. You are to create a folder and call it **COMP.5209-19-S2-StudentID** (Where StudentID is your actual student id number). In this folder you will create another folder and call it **Assessment 1**. In that folder you will put in all the files related to the first assessment.

- When submitting the assessment please zip and upload the folder called **COMP.5209-19-S2-StudentID**
- Your files must be named according to what is described in the sections below
- Anything that is not named correctly will cause you to lose marks.
- Anything that is not submitted will result in a zero mark

Task 1: Create a flowchart (20 marks)

Create a flowchart of the supplied scenario and the information given. You are to think of as many details as possible that would be relevant for the website.

The flowchart is to be created in **Draw.io**

Note that you need to think of things even if you can't code or create them yet. For example, think of log in and register pages. What can be accessed by the public and what can only be accessed by users with user accounts.

You are to stick to the narrative of the story, any questions for clarification need to be asked of your lecturer.

Save your Diagram with the following name:

STUDENTID-ASSESSMENT1-TASK1.PDF (where STUDENTID is your student ID)

Task 2: Rich Picture (20 marks)

Create a rich picture that compliments your flow diagram. The rich picture should clearly show which persona is related to which issues and other user groups.

The Rich picture should incorporate all of the information from the user stories that you have been given to create a visual representation of them.

The rich picture is to be created in **Draw.io**

Save your Diagram with the following name:

STUDENTID-ASSESSMENT1-TASK2.PDF (where STUDENTID is your student ID)

Task 3: P.A.C.T. explanation(20 marks)

Write a small report (max 1000 words) on how the two design principles can be implemented in this project.

For the P.A.C.T. principles talk about what the function is of the website and how the website is designed to be used and by who and with what devices. For example what is the main devices to access the website, why and what is the reasoning behind that.

Task 4: Selecting Framework(20 marks)

Based on what you know from the scenario and the result of Task 1 – 3, go and find a web framework that you want to use for the final product.

Research a number of frameworks that could fit in with your design specification. Select **2 frameworks** that would be a potential good fit.

Explain the following points:

- Why are the chosen frameworks right for your website
- What are the benefits of the framework
- What are the downsides of the framework
- Is there sufficient documentation available for the framework?
Where can you find it?

Task 5: Format Document (20 marks)

- The report should have a cover page and a table of contents.
- Anything that is sourced from the internet should have the proper references to it
- The 2 PDF documents (draw.io diagrams) should be supplied as an appendix to the report
- You are to write an abstract of what this document is for and what it includes, no more than 100 words
- Make sure your name and student id are on the cover page
- Save your Document with the following name:

STUDENTID-ASSESSMENT1-Report.DOCX (where STUDENTID is your student ID)

- Include the PDF (or images) of your diagrams in this document as well as separate files in the folder.
- Include the supplied brief as part of your report. This will need to be included in your report **before task 3.**