OLLSCOIL TEICNEOLAÍOCHTA
BHAILE ÁTHA CLIATH

DUBLIN

TECHNOLOGICAL
UNIVERSITY DUBLIN

Software Engineering and Testing. BSC Year 2, 2024/2025
(Assignment 2 -   20%) Project Requirements
Due: February 24th 2025 (9am)

Outline:
Requirements Document and Draft Website
Objective:
This CA has **Two** deliverables:
(a) Draft Website with basic PHP user interface and structure of themed product (no need to create or connect database for this assignment yet)
(b) Produce a Requirements document for the project defined in your project proposal

Part (a) - 10%

Draft Website. Must include an iteration of all User Interface pages, for all major elements of the project as defined and included in the Scope of Work. i.e. the *'What's in'* parts of the project scope. There need not be any functionality or database beyond the website visual framework.

This section – Part (a) – Must de demonstrated in labs during the week of submission.

Include link to directory or Hub so code may be viewed.

Part (b) - 10%

The Requirement documentation is an extension of the proposal. Where the proposal in CA1 stated the *What/Why/How* of the project in the form of *Abstract/Motivation/Justification*, the Requirements doc is far more specific.

Requirements analysis is a process used to determine the needs and expectations of a new product, service, website or app. It involves frequent communication with stakeholders and end-users of the product to define expectations, resolve conflicts, and document all the key requirements. One of the greatest challenges faced by any organization is to share the vision of the final product with the customers. *See lecture 3 for more details.*

While there are many phases of requirements analysis, for this assignment we will focus on modelling the scope and walkthroughs in the form of Use Case Diagram and Use Case Specification. Include all sections below on your requirements document:

- **Problem Definition**
- **Scope**
- **Walkthrough scenarios**
- **Product Requirements: User & System Requirements (Functional requirements)**
- **Use Case Diagram, Use Case Specifications**
- **Graphical User Interface outline**
- **Technical requirements & Feasibility – Is it technically doable?**
- **Conclusions**

****Your report should be typed 1.5 spacing in 12-pointTimes' font (or equivalent).
Upload your finished document on the relevant link on Brighspace.
Include the team's name in your file name.
NB: UPLOAD PDF FORMAT ONLY

Academic Honesty:
Any work that you submit for continuous assessment or assignments must contain a significant contribution by you. Any help you receive from someone must be acknowledged in the work submitted. Failure to acknowledge the source of a significant idea or approach is considered plagiarism and not allowed. Academic dishonesty will be dealt with severely. At a minimum, you will receive a mark of zero for the assignment