

# Higher Diploma in Computing Software Development

## Project Overview

This document outlines the project to be completed for the Project module. You are tasked with coordinating and delivering a showcase project which demonstrates your ability as a developer.

The project you are required to produce will be a combination of a wide variety of skills which include:

**Conception** – You must identify a project which displays innovation.

**Project Management** – You must take the concept identified and use project management skills to bring the concept to completion aiming to develop a viable software tool. Ensuring you meet each deadline and deliverable date is a crucial element of this process.

**Development** – You must use your skillset to develop an application that is of excellent standard and comprises of an appropriate level of complexity affording users both practicality and a quality user experience.

**Testing** – Throughout the process you must maintain a detailed log of test plans and results. Details should include functionality tests, unit tests, integration testing, security testing, malicious intent testing etc.

**Pitching** – Once the project is complete you must pitch the idea through a presentation which showcases the innovation and functionality of the application. This presentation will be a perfect opportunity to show your talents and achievements.

## Deliverables

You must submit the following deliverables through Moodle:

- Source code of the application (the source code should contain comments to demonstrate your understanding of the code)
- Documentation for the project identifying the strategy that was implemented for the completion of the project. To document your project, use the project report template available on Moodle.

In addition, you are required to:

- Demonstration: present your project on the scheduled presentation day

## Requirements and Assessment Criteria

- 20%: Interim project report. Documentation for the project identifying the strategy that was implemented to complete the project. The report should include a project proposal, Specification Requirements, Story board of User Interfaces. Template provided on Moodle.
- 80%: Final Product submission and presentations. Document to include final technical report highlighting requirements migration and critical analysis of approach followed. Codebase of final product. All students must complete a final viva examination of completed system. Schedule to be organized over Teams.