

***Mobile Application Development***

***PUSL2023***

***Coursework***

***2022–2023***

Term: Term 2

Submission Deadline: 13th May 2023

Coursework Type: Group Assignment (Max of 6 Members)

Element of Assessment: C1

Module Leader: Dr. Pulasthi Gunawardena

E-mail: lkpdg87@gmail.com

**Assignment**

Prepare a Mobile based LMS that students can access;

* To their Lecture Materials
* Lecture Schedules
* Exams/Assignment Marks for each Module

Students should consider the user needs, context, and content in the completion of the project. Students will apply their knowledge of mobile design, interface design, and information architecture to create a mobile app that serves both Lecturers and students.

**Project Outcome:** For this app, you will create a basic application that consists of 4 pages including a login page. Each page should have a button that directs it back to the home page and/or the next page.

**Design Components of This Project:**

* Creating Pages: These will be the separate areas to add content and navigate between.
* Adding Graphics: These will be original images or pictures which can be added to the application.
* Making Button: This is an action we can add to a graphic to send the user to another place on the timeline.
* Integrating an Information Architecture: This is the organization of content intended in the design of the application.

**Deadline: 12th May 2023 Plymouth Students**

**Mode: Group Project**

**Marking Break Down:**

Coursework (App Development + Group Report)- 80%

Presentation - 20%

Total – 100%

**App Development: 70%**

The application is sufficiently implemented to meet the quality objectives and scope (task achievement) - 20%

Quality of UI/UX according to platform guidelines - 15%

Applications work well without crashing during the demonstration - 15%

Integrating an Information Architecture - 20%

**Group Report: 10%**

Requirements and the project scope are clearly described in - 2%

The planning and organizing of the activities for the task achievement is described as giving proper details at - 3%

The declaration of the APIs, templates, components, technologies used and the report describes the issues faced during the implementation of the project and the approach adopted to resolve them - 3%

The report described the individual effort of each member clearly and separately - 2%

**Presentation: 20%**

The group should conduct 10 minutes presentation about the project. Each member of the group needs to take part in the presentation.

Overall presentation and demonstration of the Mobile App implementation including PowerPoint slides - 10%

Individual presentation and demonstration of a good understanding of the subject matter, and the individual contribution to the group - 5%

App design, configurations, implementation and functionality, and the real-time demonstration using a device or emulator - 5%

# Academic Offences

*See below for excerpt of Section AST10.2. Full details on the academic offences framework and procedures, consult Section AST10 is* [*available here.*](https://www.plymouth.ac.uk/uploads/production/document/path/8/8388/Section_D_Assessment.pdf)

Academic offences occur when activity is undertaken which could confer an unfair advantage to any candidate(s) in assessment. The University recognises the following (including any attempt to carry out the actions described) as academic offences, regardless of intent:

1. Copying or paraphrasing of other people’s work or ideas into a submitted assessment without full acknowledgement (plagiarism).
2. Unauthorised collaboration of students (or others) in a piece of work (collusion).
3. Making false declarations in an attempt to obtain either modified assessment provisions or special consideration (e.g. of extenuating circumstances).
4. Persuading another member of the University or partner institution (student, staff, or other) to participate in any way in actions which would be in breach of these regulations.
5. Misrepresenting research outcomes and results.
6. Being party to any arrangement which would constitute a breach of these regulations.
7. The inclusion in a piece of assessed work (other than an examination or test) of material which is identical or substantially similar to material which has already been submitted for any other assessment within the University.
8. Any other activity which could confer an unfair advantage to any candidate(s).

# Submission Type

The report should be a PDF (preferred) or Word document. A zip file containing project work and other assets should be uploaded to the Plymouth Digital Learning Environment (DLE).