

## CPT202 Software Engineering Group Project

### Assignment 1 – Software Requirements Report

Start date	4 <sup>th</sup> March 2024
Submission date	5 <sup>th</sup> April 2024
Assignment type	Individual assignment
Percentage in final marks	20%
Late submission policy	5% of the awarded marks shall be deducted for each working day after the submission date, up to a maximum of five working days. Late submission for more than five working days will be not accepted.
Important notes	<ul style="list-style-type: none"><li>• Plagiarism results in award of ZERO mark; all submissions will be checked by TurnItIn.</li><li>• The formal procedure for submitting coursework at XJTLU is strictly followed. Submission link on Learning Mall will be provided in due course. The submission timestamp on Learning Mall will be used to check late submission.</li></ul>

#### Learning Outcome

- A. Work as part of a development team demonstrating effective communication and interpersonal skills to design and develop a software system.
- B. Demonstrate an understanding of the software development process including the principal methods and issues involved in deploying systems to meet business goals.
- C. Specify the requirements of a software system.
- D. Understand the role of properly written documentation in the process of software development.

#### General instruction

In this assignment, you must perform the software requirements analysis for the modules of the project that has been assigned to you. You are required to write the software requirements in the format used in the Scrum framework, the PBI.

**Include 5 pre-groomed PBIs in your report for submission.**

Your report must include a report cover page. The software requirements must be written using the PBI template provided in the Assignment Package. The marking criteria and the weighting is based on the following factors: -

1. Report quality (20%):

The report should be well presented. The language used in the report must be clear and concise. Whenever appropriate, use images or drawings to aid understanding.

2. PBI specification (25%):

The specification for the requirements presented in the report must sufficiently show your understanding of the requirements. It must be written within the requirements scope at the same time to avoid obvious omissions.

3. PBI size (20%):

The PBI must be appropriately sized. It should be sized in the way that a PBI is easy to understand, easy to implement, and must be limited within a Sprint.

4. PBI story (10%):

The PBI story must be written in the User Story format. It should be written from the user's perspective and be easy to understand.

5. Acceptance criteria (25%):

The acceptance criteria must be written in the User Story format. It should be written from the user's perspective, logical, and easy to understand. It should cover all aspects of the requirements.

**Submission and markings notes:**

- You must submit the report in PDF format via Learning Mall by the above submission date. Name the report as CPT202-A1-Spec-*StudentID*.pdf
- DO NOT submit more than 5 PBIs. Marks will only be given to the first 5 PBIs in your report.
- Report with less than 5 PBIs will get marks deduction.