ASSIGNMENT 1

MODULE: CPT 202

WEIGHT: 30%

LECTURER: Soon Phei Tin

DUE DATE: 22 April 2022, Week 9

DELIVERABLE:
1. Group Reports
2. Group Presentation
3. Software Release

SUBMISSION ARRANGEMENTS:
Each group must submit one group report in PDF format via Learning Mall by the above deadline. Any additional material, in particular code, should be submitted in a single zip file and the report should clearly explain the contents of the zip file. Software code must also be synchronized to a Git repository and documented in the report. The report should clearly explain how to access the source code. Note that files in proprietary or non-standard file formats may not be readable and so are likely to be ignored. The arrangement for the presentation, particularly the time and venue, will be announced one week before the assignment due date by the TA.

Title: Project Interim Report

This group assignment is the first associated with this module and contributes the 30% towards the overall module marks.
As a group assignment, marks will be awarded to the group. It is expected that each member will be awarded the same group marks. Marks adjustment as described below, will be applied to individual base on the actual individual contribution that will be tracked in the Sprint Progress Report.

LEARNING OUTCOMES ADDRESSED:

- 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.
- E. Recognize the legal, social, ethical, and professional issues involved in the development and deployment of a software system.

INSTRUCTIONS

In this assignment, you are expected to complete the first release of the software development for your chosen project, compile the reports associated with the development, and carry out a presentation on the associated reports and software demonstration. The marks allocation for each component of the assignment is listed below.

Group Report: The students are expected to deliver an initial document for the project which includes problem statement, project scope, requirement analysis, initial system design, and Scrum work processes. It must further contain a description of the work plan for the rest of the project. Each group submits one copy of the report in PDF format to Learning Mall.

Group Presentation: Provide details of the work conducted to date to arrive at first release of the software. The presentation should last no more than **10 minutes** leaving sufficient time to allow questions and informal feedback from the lecturer. There is no requirement for all members of the group to present, but all members must attend the presentation.

Software Release: The software release must include at least 3 sprints of development with at least 9 PBIs. The source code must be submitted in a single zip file and the group report should clearly explain the contents of the zip file. The course code must also be synchronized to a Git repository and documented in the group report to explain how to access the source code.

MARKING SCHEME (30% of the module):

This assignment is grade based on 100 marks

Deliverable	Marks
Report	40
Presentation	20
Software Release	40

Marks Adjustment:

1. The individual score (S) is computed as a function of the overall mark (G) for the team submission and where the percentage effort (I) accorded to an individual lies, in comparison to the distribution of effort in the team, as represented by the median (M) of the individual effort percentages, so that in general, $S = G + (I - M)$.
2. Since there are 10 marks between class boundaries, $|I - M| > 10$ is taken to mean an individual has done either done a lot more or a lot less than everyone else. In the case of more, the uplift is capped at 10 more than the team score, meaning that at most an individual moves up by a class (or from a distinction to high distinction). In the case of less, the downgrade is computed as a proportion, so that $S = G * (I/M)$, to ensure non-participation does not result in a pass.

3. These formulae are not the final arbiter of an individual's score: evidence from team and individual reports and performance over the semester (e.g. from TAs) may also be taken into account.
4. **Effort-based adjustment** is the adjustment noted in point 1 and 2 above. **Other adjustment** is the adjustment mentioned in point 3 above.

ASSESSMENT FORM FOR CPT202 ASSIGNMENT 1

Basic Information:

Academic Year		**Taught Semester(s)**	
Module Code		**Module Title**	
Group Name		**Group ID**	
Project Title			

Guidance notes:

1. This Assessment Form will be used to record marks for each assessment component and will assist in providing feedback to students. Markers should be mindful of the fact that students will be entitled to see the Assessment Form used in the evaluation of their work.
2. The assessment should be marked out of 100.
3. Below is the list of group members for the group being assessed.

	Student Name	**Student ID**
1		
2		
3		
4		
5		
6		
7		
8		
9		

Assignment 1 (Weighting: 30%)

1.1 Basic Information

Marker Name		Date	

1.2 Marking Details

Marking Criteria	Item	Marks
Reports (40)	Coverage / Level of detail (15)	
	Correctness / Accuracy (15)	
	Coherence (6)	
	Fluency / Succinctness (4)	
Presentation (20)	Structure and coverage (6)	
	Fluency / Succinctness (6)	
	Software demonstration (8)	
Software Release (40)	Conformity to plan (10)	
	Conformity to requirements (10)	
	Software Quality (20)	
Total (Group Marks)		

1.3 Individual Marks:

Median of the individual effort percentages: ___%

Student ID	Student Name	Effort (%)	Effort-based Adjustment	Other Adjustment (Report must be provided)	Final Marks
			(+ / -)	(+ / -)	

1.4 Comments by the Marker: