
Temasek Polytechnic
School of Informatics & IT
Software Engineering (CGE2C09)
AY 2017/2018 Apr Semester
Assignment 3



Background

It's the start of week 5 and you've just been called back into Mr. Lim's office once again.

"The Software Requirement Specifications (SRS) and Software Design Specifications (SDS) that your team had produced for Delonix Regia Hotel were sound and feasible for implementation.

The next and final deliverable for your team is to develop the actual program based on these specifications. The code of the program should be done in consideration of good programming styles with code refactoring. Microsoft Visual Studio 2012/Other Open Source Technologies will be used as the Integrated Development Environment (IDE) for your construction. In addition, you will need to prepare a Software Test Specifications (STS) to ensure quality in the program. This is required prior to the User Acceptance Test (UAT) with the hotel owners.

It was also observed that configuration management is not in regular practice by the team. Please ensure that you use Subversion diligently to avoid overwriting of files within the team, especially in this crucial phase of the project where no project delay will be compromise upon.

All of the above had to be completed in 2 weeks' time. A presentation cum demonstration will be made to Mr. Wang then. A gentle reminder to you once again that Mr. Wang had indicated his expectation to have an update on the project progress periodically, so please prepare for such session(s) accordingly. That's it. "

Project Deliverables

Working in the same team composition that you had formed for Assignment 1 & 2, the following deliverables are expected for the project:

1. Program [20 marks – Individual, 5 marks - Group]
2. Software Test Specifications (STS) - To use the template provided [5 marks – Individual, 2.5 marks - Group]
3. Configuration Management [2.5 marks – Group]
4. Presentation cum demonstration on the above three (3) deliverables. Each team will be given at most 30 minutes to present. [5 marks - Individual]

On top of the above, each team member will need to submit a team / peer evaluation form – to use the template provided. This will be used to assess the group component for this assignment.

Grading

This assignment constitutes 40% of your overall grade; 30% will be assessed individually, while the remaining 10% will be assessed as a group.

Subject Rubrics:

S/No	Project Deliverables	Marks Allocated	Requirement
1a	Program	20 marks - Individual	<ul style="list-style-type: none">• Correctness and Robustness• Application of good programming style and code refactoring• Additional Features
1b	Program	5 marks – Group	<ul style="list-style-type: none">• Even workload distribution• Extend of integration

2a	Software Test Specifications (STS)	5 marks – Individual	<ul style="list-style-type: none"> • Address for points stated in the template for each of the section. • Application of any theoretical mentions to project
2b	Software Test Specifications (STS)	2.5 marks – Group	<ul style="list-style-type: none"> • Adhere to template given • Even workload distribution • Linkage and flow of information between all sections • Team / Peer Evaluation
3	Configuration Management	2.5 marks – Group	<ul style="list-style-type: none"> • Evidence of version control in project files
4	Presentation	5 marks - Individual	<ul style="list-style-type: none"> • Presence • Punctuality • Dress Code • Starts and Ends on Time • Equal contribution • Appropriate / Attractiveness of Visual aids • Summary of deliverables • Eye Contact • Speech Delivery i.e. Confidence / Fluent / Command of Language • Response to questions asked

***** *End of Assignment 3* *****