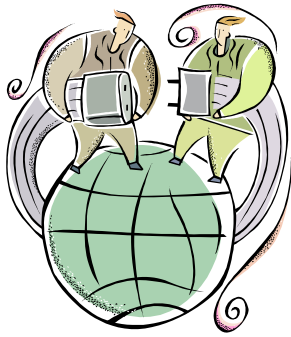


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**Temasek Polytechnic**  
**School of Informatics & IT**  
**Software Engineering (CGE2C09)**  
**AY 2017/2018 Apr Semester**  
**Assignment 1**



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## Background

Your group has been assigned to work in a small software development firm known as Pantheon Systems as part of your Student Internship Programme (SIP). On the very first day of work, your boss, Mr. Lim, calls your group into his office.

Mr. Lim states the following:

*“Last year, a group of students from Temasek Polytechnic — School of Informatics & IT worked on a personal information management system for Sonium. Despite the huge challenge faced, the team managed to deliver a working system successfully. I was quite pleased with their achievement, and expect your group to attain the same in the new project that I will be assigning you.*

*This new project concerns the development of a hotel management system for Delonix Regia. The hotel is currently managed by a middle-aged couple, Mr. and Mrs. Wang, and hasn't been doing well even though it is located at a reasonably good district.*

*Mr. and Mrs. Wang have engaged us to produce the following deliverables for the project as a start:*

1. *Terms of Reference (TOR)*
2. *Project Plan*

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*They had also indicated their expectations to have an update on the project progress periodically.*

*Now, you'll need to talk to Mr. and Mrs. Wang to gather more requirements on this system. In the meanwhile, do check out other available hotel web sites to get more ideas. You're only given 8 weeks to complete this project. Now, get to it."*

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## Project Deliverables

The following deliverables are to be produced by the 1<sup>st</sup> lesson of Week 3 in a team of 4 members:

1. A short description to explain the meaning of Software Development Life Cycle (SDLC). Do ensure that you include three (3) software development models in your explanation. [5 marks - Individual]
2. Terms of Reference (TOR) Document - To use the template provided [2.5 marks – Individual, 2.5 marks - Group]
3. Project Plan - To use the template provided [7.5 marks – Individual, 2.5 marks - Group]

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.

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## Grading

This assignment constitutes 25% of your overall grade; 20% will be assessed individually, while the remaining 5% will be assessed as a group.

### Subject Rubrics:

S/No	Project Deliverables	Marks	Requirement
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		Allocated	
1	<p>A short description to explain the meaning of Software Development Life Cycle (SDLC).</p> <p>Do ensure that you include three (3) software development models in your explanation</p>	5 marks - Individual	<ul style="list-style-type: none"> <li>• Definition of SDLC</li> <li>• Phases in SDLC</li> <li>• Cite three (3) software development models and its working concept</li> <li>• Application of any theoretical mentions to project</li> </ul>
2a	Terms of Reference (TOR) Document	2.5 marks – Individual	<ul style="list-style-type: none"> <li>• Address for points stated in the template for each of the section.</li> <li>• Application of any theoretical mentions to project</li> </ul>
2b	Terms of Reference (TOR) Document	2.5 marks - Group	<ul style="list-style-type: none"> <li>• Adhere to template given</li> <li>• Even workload distribution</li> <li>• Linkage and flow of information between all sections</li> <li>• Team / Peer Evaluation</li> </ul>
3a	Project Plan	7.5 marks – Individual	<ul style="list-style-type: none"> <li>• Address for points stated in the template for each of the section.</li> <li>• Application of any theoretical mentions to project</li> </ul>
3b	Project Plan	2.5 marks - Group	<ul style="list-style-type: none"> <li>• Adhere to template given</li> <li>• Even workload distribution</li> <li>• Linkage and flow of information between all sections</li> <li>• Team / Peer Evaluation</li> </ul>

4	Q&A(on the two (2) deliverables on TOR and Project Plan. Each team member will be given at most 5 minutes for the Q&A session.)	5 marks - Individual	<ul style="list-style-type: none"><li>• Speech Delivery i.e. Confidence / Fluent / Command of Language + Eye Contact.</li><li>• Equal contribution to overall work, significant proof of own work.</li><li>• Response to questions asked.</li></ul>
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\*\*\*\*\* *End of Assignment 1* \*\*\*\*\*