

## SWE 313 – Project Guide

	Coverage	Points	Due Date
1	<b>Project Description</b> <i>1-2 page executive summary that describes the project and its scope, functional requirements, based on the literature review of similar online available projects. Ensure that you mention at least 2 (max 4) references of similar projects for justification.</i>	4	
2	<b>System Use-case Diagram and Use-cases</b> <i>Screenshot of a high-level system use-case diagram of the project, inclusive of primary actor(s), critical use-cases, and participating sub-systems (if any). Additionally, the use-case descriptions of any critical use-case (only one).</i>	3	Sat Oct. 10 <sup>th</sup>
3	<b>Class Diagram</b> <i>Screenshot of a Class Diagram clearly showing all analysis classes, their relationships, and the appropriate attributes and operations.</i>	2	
4	<b>Composite Diagram (For the complex class from the Class diagram)</b> <i>Screenshot of the composite diagram elaborating one of the most complex class from the class diagram. Also, write a paragraph detailing why the composite diagram was needed for the class you've chosen.</i>	2	
5	<b>Sequence Diagram &amp; Communication for critical use cases</b> <i>Screenshots of 1 Interaction Diagram for 1 critical use-case, i.e. either a System Sequence Diagram or a Collaboration Diagram.</i>	2	Sat. Oct. 31 <sup>st</sup>
6	<b>State Diagram</b> <i>Screenshot of a State Diagram for one of the critical use-cases.</i>	2	
7	<b>Java Code Transformation</b> <i>Automated code generation of all the classes with their appropriate attributes and functions.</i>	2	
	<b>Presentation</b> <i>A PowerPoint presentation explaining the project and all the diagrams included in your document. All team members must participate, and present.</i>	3	Wk 13 <sup>th</sup>
<b>Total Points</b>			<b>20</b>

## Notes:

- Each team to work on in their project. Incase any team doesn't have a project, can take it from the tutor
- The diagrams should be developed using tools only, no hand drawn diagram will be accepted.
- All submissions should be **through LMS only**, hard copies are not needed.
- **Provide a cover page with all your necessary information (Course code, name, Project/ Case-study title, members' names, section numbers, and IDs).**
- Late submissions will be penalized by a deduction of 2 points.