

Deliverables and Assessment

Note: The components weights (%) below refer to *the proportion of your mark allocated by Amristar*. They do not include the portion of your mark allocated by your unit coordinator, including the presentation. Depending on exactly which unit you are taking, the proportion of your mark that is allocated by Amristar may differ.

Semester 1

Package	Item	Description	Weight (%)	Due date
1	Technology Investigation Summary & Prototype	The first deliverable is a summary of candidate technologies for the various components, a description of why they are or are not suitable, and a (limited) prototype. The purpose of this deliverable is to get a feel for what is technically feasible and beneficial before requirements and design are set in stone.	35	10-Apr-22
	Progress Report	A progress report indicating activities for the past period, and planned activities for the subsequent period. Amristar will provide a template.	5	
2	Software Requirement Specification (SRS)	The second deliverable is a Software Requirement Specification (SRS) describing the capabilities and characteristics that your solution will have. The purpose of this deliverable is to define the scope before you perform a detailed design in the next deliverable. The SRS should include functional and non-functional requirements with unique ID's, and separate ratings for business value and difficulty. It should also describe key actors and use cases. Do not use the IEEE template, as it is too prescriptive.	15	1-May-22
	Project Plan	A high-level project plan outlining tasks, duration, dependencies, and resourcing (who is doing it)	10	
	Progress Report	A progress report indicating activities for the past period, and planned activities for the subsequent period. Also included should be an updated project plan if there were changes.	5	
3	Solution Specification	The Solution Specification must draw on the SRS and prototype to provide a design which is technically feasible and covers off the requirements. This document will include use cases, walkthroughs, architectural diagrams, an ER diagram, test plans and component descriptions. A template will be provided.	25	29-May-22
	Progress Report	A progress report indicating activities for the past period, and planned activities for the subsequent period. Also included should be an updated project plan if there were changes.	5	
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Semester 2

Package	Item	Description	Weight (%)	Due date
4	Application - 1st release	A first version of the proposed application, with basic core requirements addressed. It need not be highly capable yet, but must adhere to Amristar's coding standard (to be provided). You will be assessed on the code quality, documentation quality, and completeness against your targets.	25	21-Aug-22
	Progress Report	A progress report indicating activities for the past period, and planned activities for the subsequent period). Also included should be an updated project plan if there were changes.	5	
5	Application - 2nd release	A second version of the proposed solution, addressing the next round of requirements. It should by now be usable and useful. You will be assessed on the code quality, documentation quality, completed test cases and your records (in whichever form you keep them) which detail what you have done, what remains to be done, and known issues.	25	25-Sep-22
	Progress Report	A progress report indicating activities for the past period, and planned activities for the last period). Also included should be an updated project plan if there were changes.	5	
6	Application - 3rd (final) release	A final version of the proposed solution, which includes final fixes and a limited set of new features. The focus of this release is to create a stable rounded-off deliverable. You will be assessed on the completeness and quality of technical documentation, completed test cases, code quality and documentation of known issues.	25	23-Oct-22
	Post-implementation Evaluation	A post-implementation evaluation of the implemented solution, where you reflect on what your solution has contributed, its commercial viability/benefit, and lessons learnt. Outcomes of this evaluation must be included in the final presentation.	10	
	Progress Report	A final progress report (closure report) which describes activities for the project overall, highlights achievements, and covers off activities/objectives not able to be met.	5	
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