

Overview

The FYP requires students to propose, design, implement, test, document and present a complex software project to demonstrate the level of knowledge gained over the course of their studies. The project must be an independent piece of work which is both coherent and well structured. The student is expected to be self-motivated so as to drive this work through to completion. They are expected to identify the key areas of the project and to make real decisions that will ultimately affect the end deliverable. The project deliverable will be an assessable, independent body of work that will demonstrate the student's ability to work on their own and their ability to communicate key aspects of the project.

The FYP includes all aspects of software development including, but not limited to; Analysis, Design, Development, Implementation Integration, Documentation and Maintenance. Critically researching an area of Computing includes the correct use of the Scientific Method; using a well designed, defined and identified research method (qualitative, quantitative or a mixture of both); well-designed data collection and analysis (if applicable) and critical analysis of their research process. In either case the student undertakes a project which follows a prescribed method and requires them to evaluate the outcomes critically.

Marking Guidelines

The interim is marked out of 100. The interim submission is worth 20% of the overall FYP mark.

Plagiarism is a serious offence that will result in zero marks. In addition, the student might be asked to present to an investigative panel.

1st	Perfect	90-100	The student went above and beyond with the FYP interim. The project already displays excellence and complexity on all levels, and the objectives of the interim have been far surpassed. The project demonstrates that a real intellectual challenge is being attempted. The interim successfully discusses all elements of the scope and provides critical analysis and discussion of achievements.
	Outstanding	80-89	The student presented a very strong FYP interim. The project itself is either highly innovative or aims to provide a solution for a particular niche. The prototype and report deliverables are of excellent standard. The interim successfully discusses all elements of the scope and provides critical analysis and discussion of achievements.
	Excellent	70-79	The student presented a good, solid FYP interim that demonstrates continuous engagement and high quality deliveries, though the project is more mainstream than the higher categories. The interim successfully discusses all elements of the scope and provides critical analysis and discussion of achievements.
2.1	Good	60-69	A very good FYP interim, with a complete scope and several areas of complexity and strong critical discussion. The project lacks intellectual challenge or innovation to push it into the first category.
2.2	Satisfactory	50-59	The student presents a solid FYP interim that overall works well. A project in this category lacks a distinct challenge and is the prototype is lacking as a proof-of-concept. Overall the student has implemented mainstream technologies without strong complexity. The report is of average quality.
Pass	Weak	40-49	The student presented an FYP interim that is largely lacking of complexity and challenge. There is either no prototype of any kind, or the prototype is of such low fidelity that it cannot successfully serve as a proof-of-concept for the remainder of the FYP. Nevertheless, several use cases have been successfully thought out.
Fail	Fail	<40	The FYP interim demonstrates that the student has so far not been able to provide a working prototype, or the student has so far failed to engage with the FYP process. There is a serious risk of failure for the overall FYP. The interim submissions might be incomplete. There is a clear lack of understanding and/or engagement.

Comments

The primary aim of comments is to provide feedback on grading decisions. Consequently, it is helpful throughout the form to highlight any significant issues worth of note to support grade decisions. Bear in mind that the marking sheet can be viewed by students and external examiners.

Typical sample qualitative terms include but are not limited to:
trivial, acceptable, moderate, advanced, excellent, perfect.

trivial	acceptable	moderate	advanced	excellent	perfect
0-3	4-8	9-13	14-17	18-22	23-25
0-2	3-4	5-7	8-10	11-13	14-15
0	1-2	3-4	5-6	7-8	9-10

The mark should relate to the project comment and should be constructive in that it gives the students an indication as to how improvements can be made.

1	Research and Background Knowledge	25	<ul style="list-style-type: none"> The extent of the student's background research and primary research (if relevant) and quality and breadth of references The student's knowledge and understanding of current work in the project area The student's ability to draw conclusions and informed decisions
2	Design	25	<ul style="list-style-type: none"> The extent to which the student has successfully specified the scope, identified detailed functionality, and confirmed the choice of technologies for their project. The complexity of the project should be taken into account in this section.
3	Feasibility and Planning of Future Work	15	<ul style="list-style-type: none"> Identify project of appropriate complexity Evaluation criteria of the project specified Identify risks involved Offer mitigation strategies
4	Project Management	15	<ul style="list-style-type: none"> Engagement with supervisor/academic advisors Submission and quality of meeting logs Being proactive Procurement or contingency of required resources Project plan, formulation + adherence
5	Demo and Presentation	10	<ul style="list-style-type: none"> Quality of artefact Ability to present and defend their project
6	Technical Writing	10	<ul style="list-style-type: none"> Ability to articulate ideas Spelling, grammar and correct referencing Adherence to template and organisation of content

Interim Assessment Marking Sheet

Student Name:	Project Title:
Supervisor Name:	Second Reader Name:
<i>Please tick to indicate that you have read and understood the marking sheet instructions:</i>	
<input type="checkbox"/> <i>Supervisor</i>	<input type="checkbox"/> <i>Second Reader</i>

Category		Weight	Comments	Mark	Avg Mark
1	Research and Background Knowledge	25	Supervisor:		
			Second Reader:		
2	Design	25	Supervisor:		
			Second Reader:		
3	Feasibility and Planning of Future Work	15	Supervisor:		
			Second Reader:		
4	Project Management	15	Supervisor:		
			Second Reader:		
			N/A		
5	Demo and Presentation	10	Supervisor:		
			Second Reader:		
6	Technical Writing	10	Supervisor:		
			Second Reader:		
	Totals	100	Student's Overall Interim Mark		