UCL Apps Portal

Team 9

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1 Main Contributions to the Project

1.1 Requirement Analysis

- Conducted 6 student interviews with Isobel
- Created questions using Google Forms
- Distributed the form to investors and more students
- Analyzed responses to gather insights into user requirements
- Developed personas, scenarios, and use case lists with specifications

1.2 Research

1. Similar Product Analysis
2. Related Technologies - frontend and backend

1.3 Testing

1. Heuristic Evaluation
2. Responsive Design
3. User Acceptance

1.4 Biweekly Progress

Report 1: Personas and contribution to MoSCoW - 20%

Report 2: Related projects - 50%

Report 3: Technologies - frontend and backend - 60%

Report 4: MoSCoW contribution - 10%

Report 5: MoSCoW, testing plan - 50%

Total: 38%

1.5   Video Content

- Introduction and Background

1.6   UI Design

- Figma: login header button, about us, FAQs, 1 browse, 1 listing to match the database, forms

1.7   Coding - Frontend

- Static pages: Faculty and Students, Opportunities for Students, FAQs, About Us

- Buttons: linking to other pages

- Scroll functions and scroll to element on page

- Header: active menu, login

- Detailed listing page: coded the frontend static template to include everything, including embedded YouTube videos

- Responsiveness: 33% pages + header and footer - for 4 types of devices: phone, laptop, large monitor, landscape tablet

1.8   Report

- Created the LaTeX report structure with all sections, title, and table of contents

- Wrote the first 3 chapters, using biweekly updates and incorporating HCI report feedback on personas and scenarios

- Wrote parts of frontend implementation

- Wrote about testing contributions

- MoSCoW requirements, completed state, and contributors

- List of known bugs

- UI design and user experience evaluation

- Responsive Evaluation

- Future Work

- User Manual

2 Difficulties

During the project, I encountered significant challenges when I began coding the frontend for my first page using React. As a novice with this technology, I was initially uncertain about how to proceed. However, I managed to overcome this obstacle by studying the first two pages that Arjun had created, which helped me comprehend how JavaScript and CSS functioned together. Later in the project, as I coded additional static pages, I faced another issue: the pages crashed due to identical CSS class names. To resolve this, I invested considerable time in renaming the classes.

Towards the end of the project, I found it somewhat demanding to implement responsiveness across numerous screen sizes. Nevertheless, after conducting online research, I gained an understanding of the most commonly used screen sizes and learned how to adapt from desktop to phone format by examining various visual examples.

3 Team Members Assessment

3.1 Strenghts and Weakness Table

List the strengths and weaknesses (e.g. reliability, technical skills, communication skills, document writing etc.) of each member (including yourself) and the role that each member is best suited to (client liaison, UI designer, researcher, programmer, report editor, tester)

	Isobel	Arjun	Tania
Strenghts	Document Writing, Organizing , Presenting	Technical Skills , Communication Skills	Document Writing, Organizing, Research
Weaknesses	Reliability, Communication	Organizing	Time-management
Most Suitable Role	Client Liaison	Programmer	Researcher

Table 1: Strengths and Weaknesses

3.2   Evaluation

Isobel: 6

Isobel demonstrated proficiency in presenting and liaising with the client. She effectively organized and managed her personal to-do lists and reliably completed tasks assigned to herself. One area in which Isabel could improve and effectively become a vital team member is teamwork. Being productive, responsive and open to suggestions is something that every successful team goes by. As such, some better communication skills and more willingness to support ideas combined with her experience with clients would ultimately make her a better team member.

Arjun: 9

Arjun played a crucial role in the programming aspect of the project, showcasing exceptional technical skills. He contributed to both frontend and backend development, implementing dynamic pages using API requests. Furthermore, Arjun's communication skills were exceptional, allowing him to serve as a liaison within the team.

Tania: 7.5

As a major contributor in user requirements, I focused on research and requirements elicitation. I also endeavored to assist with team organization, task management, and identifying potential areas of improvement. However, one area in which I fell short was in accurately estimating the time required for responsive design implementation. I allocated only one week to complete the task, and as a result, I was able to finish just 33% of the pages. This was due to the utilization of Media Queries for four different widths. In retrospect, I would approach this task differently, allowing for more time to achieve the desired outcome.

4   Contribution Distribution

If you have different opinion about the contribution distribution in the individual contribution table in the project report, please tell which part you do not agree with and explain why. (optional)

Work Packages	Isobel	Arjun	Tania	My comment
Client Liaison	100%	0%	0%	
Requirements Analysis	25%	25%	50%	As explained in section 1 I worked on interviews, forms, elicitation, personas scenario, moscow. I could get 60% here
Research	25%	0%	75%	See Section 1
UI Design	45%	45%	10%	Desined a few Figma pages - forms, admin page, login header, example past, browse past
Coding - Front end	10%	55%	35%	I feel like Arjun contributed more than 55% but Isobel worked mainly on the bakend and only did some simple messages in frontend such as "Form Submission" which is less than 10%
Coding - Back end	100%	0%	0%	Arjun contributed to the backend by rendering dynamic content with API requests
Testing	30%	20%	50%	As explained before, heuristic, responsive and user acceptance
Bi-weekly Report	52%	10%	38%	As explained in main contributions
Project Report	33%	33%	33%	As expalined in section 1, I created the strucrure and contributed the most for writing the report. I would take 40%
Video Contents	33%	33%	33%	
Video Editing	0%	100%	0%	
Overall Contribution	33%	33%	33%	

Table 2: Individual Contributions