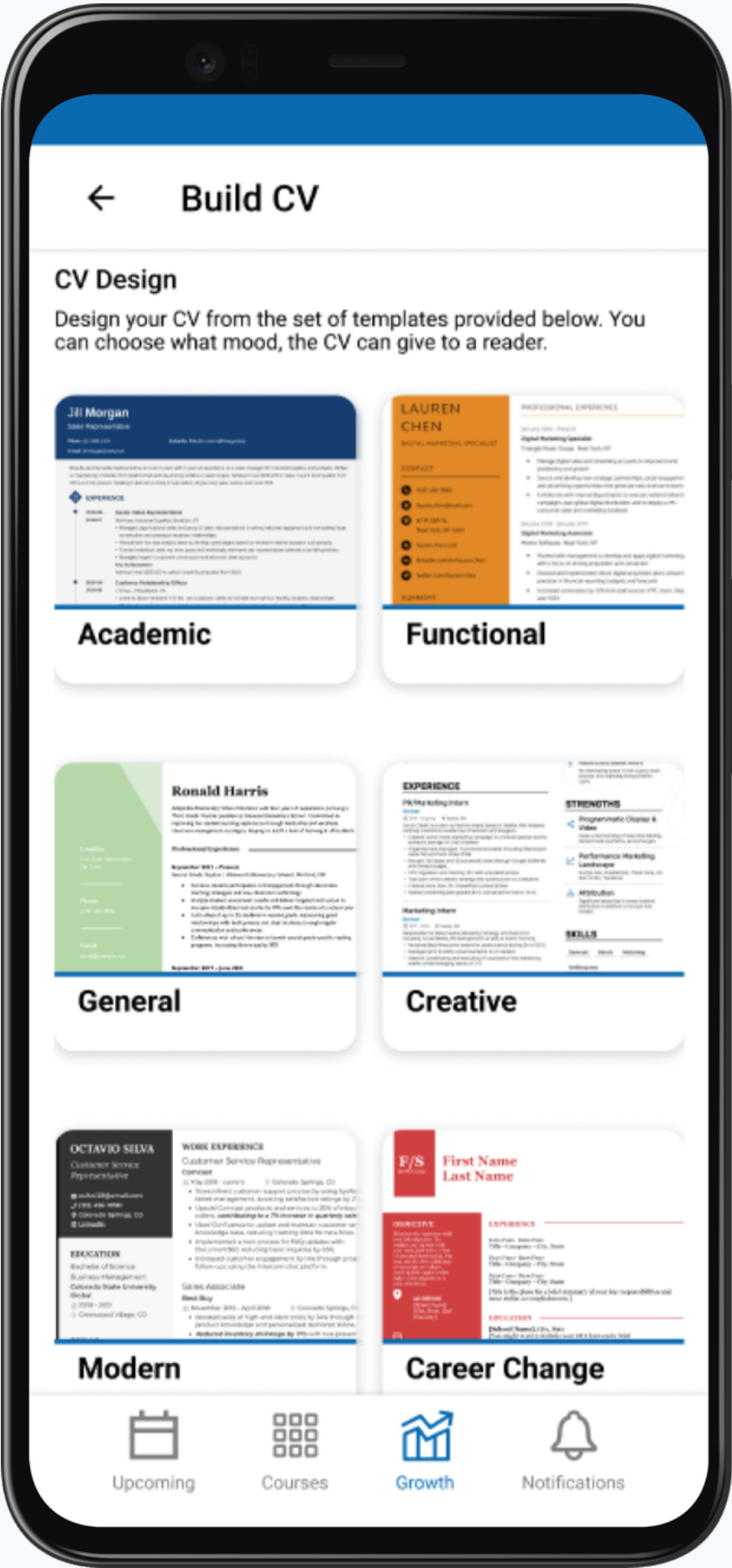
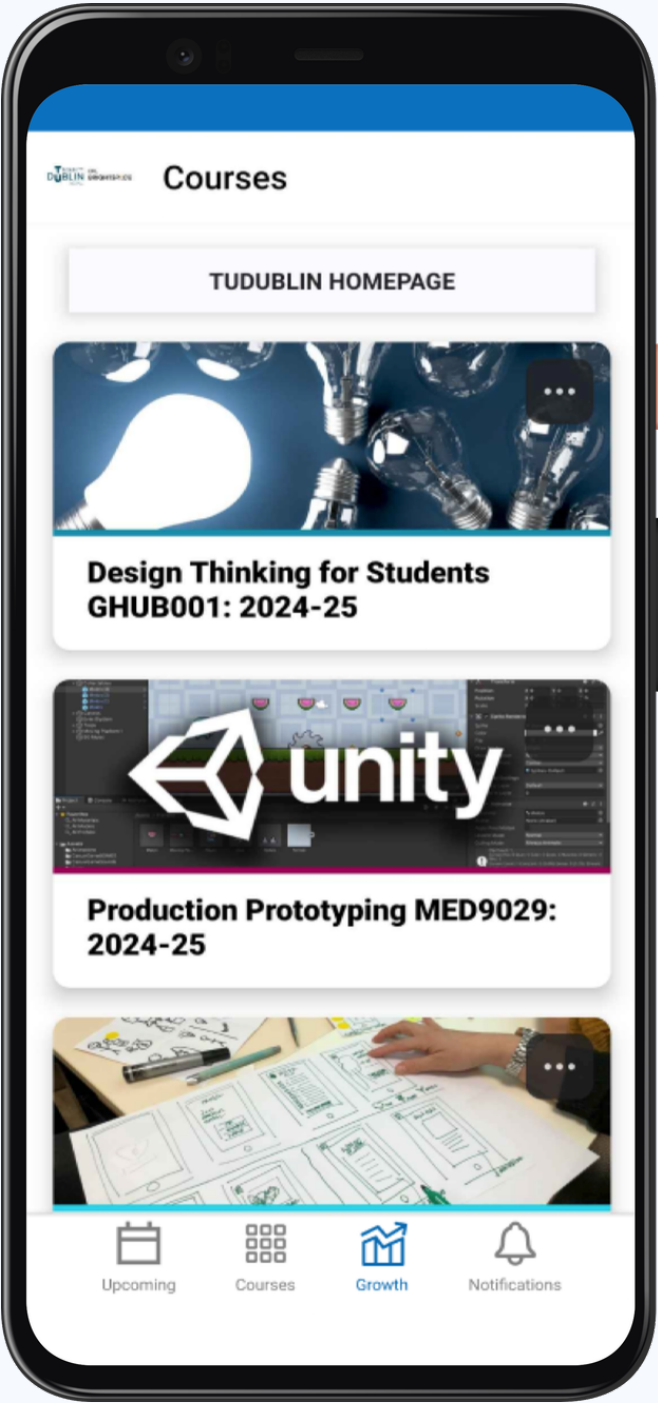




GROWTH

An extension for Brightspace Pulse

A case study by
Hrishikesh Varma



OVERVIEW

VISION

The task was to create an extension or add a new feature to an existing application. The new addition has to be practical and user-friendly. It should have value and is to be tested with the target audience.

ROLE

- UX Research
- UI Design
- Testing Structure
- Wireframe

CLIENT

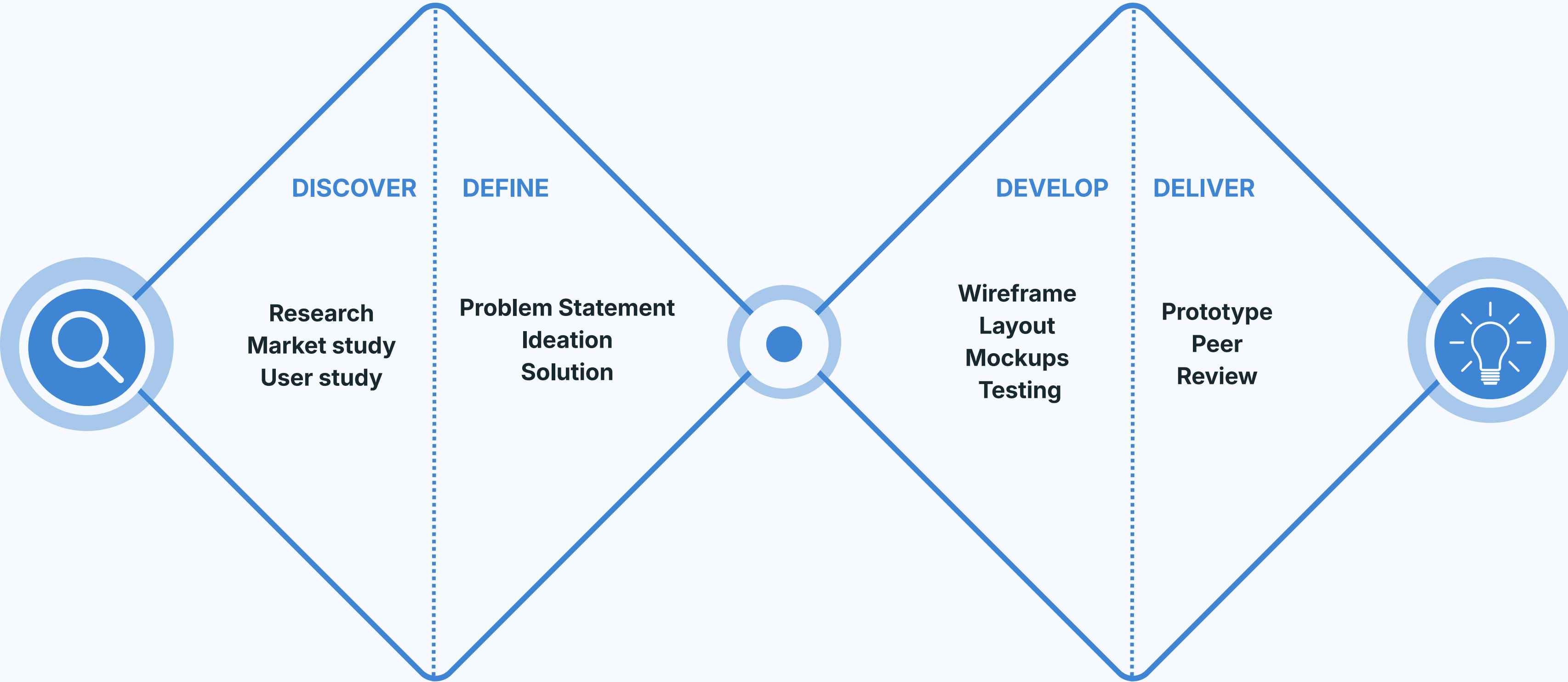
This is a fictitious university project that stood out from my master's program in Technological University Dublin. This project was completed in a short period of 4 weeks, and great emphasis was given to the research phase and structured user testing.

TEAM

The project was completed by a group of 3 people. The work was shared in such a way that each person took on one major section in the extension. Which are Portfolio, Resume and Connect. Resume was my section.

DESIGN PROCESS

The double Diamond approach was chosen for this specific project as it is well structured and gave us enough time to go through all the phases of the design process.



DESIGN PROCESS

ABOUT

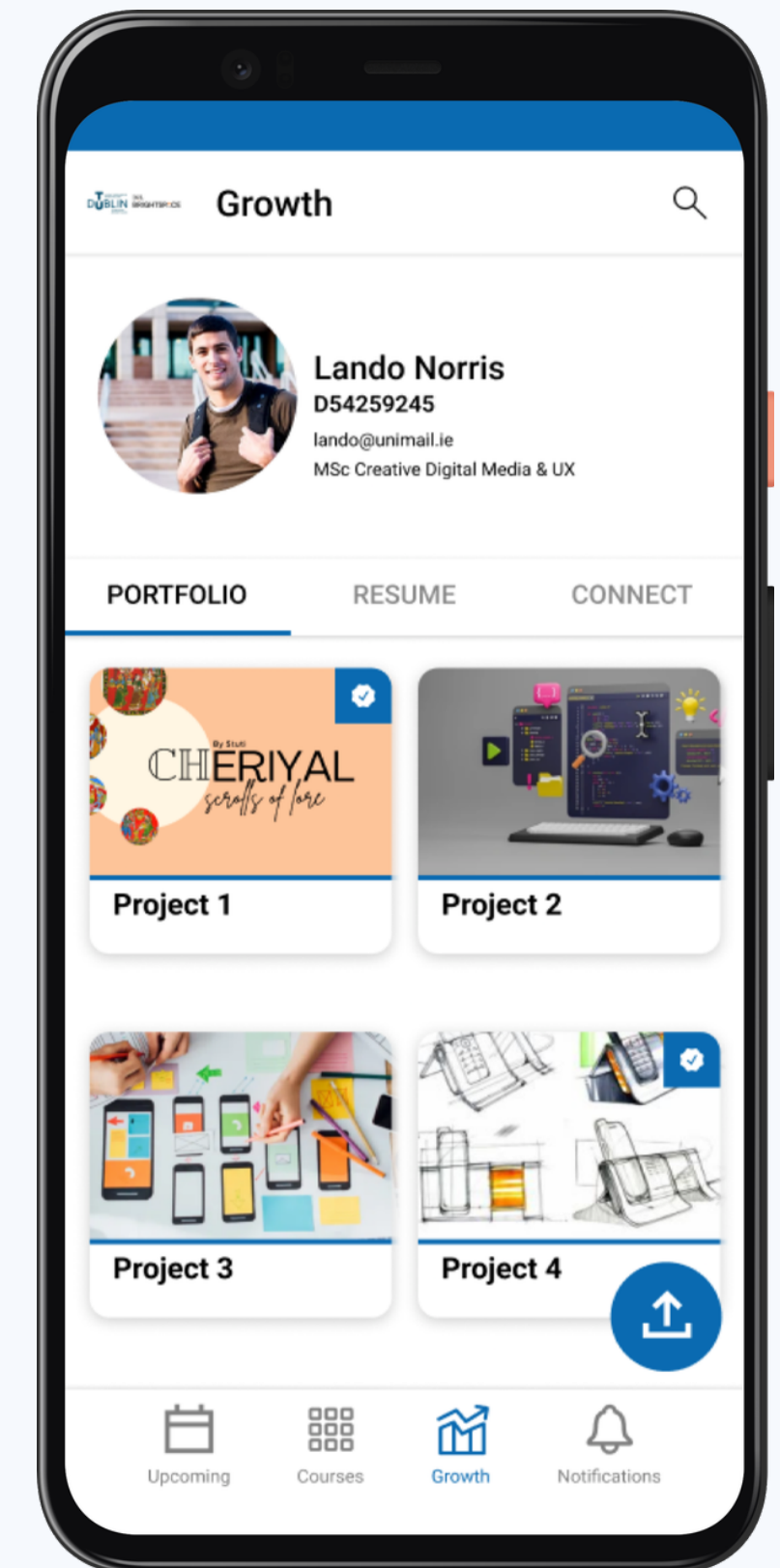
Brightspace Pulse is a mobile app designed to help students stay organized and on top of their coursework by providing real-time updates on assignments, deadlines, grades, and course announcements. The app allows students to track their progress, receive notifications, and manage their schedules efficiently. It is available for both iOS and Android devices.

CHALLENGE

How can we improve the existing Pulse Application, to make it easier for students to use the platform to showcase their projects and grow their network.

IDEATION

Before we came to the final solution the team had a few ideas to improve the app. The UI was not to be changed a lot as it was already decided that it was simple enough and user-friendly. Then the focus was on what the students want.



TURNING GAPS INTO OPPORTUNITIES

CURRENT PAIN POINTS

No Resume Builder

Students rely on Word, Canva or external websites to create professional resumes.

No Portfolio Space

Students cannot showcase academic or personal projects inside the platform.

Limited Networking

No direct way to connect with recruiters, peers or alumni.

No Endorsements

Students cannot receive recognition from lecturers or professors.

USER NEEDS

Professional Resume Builder

Students want an easier way to build job-ready resumes.

Project Showcase

Display coursework and personal work in one place.

Career Opportunities

Discover internships, graduate programmes and employers.

Verified Endorsements

Receive recommendations from professors and mentors.

OUR SOLUTION

Growth Hub

A dedicated space inside Brightspace Pulse that helps students grow academically and professionally without leaving the platform.

Portfolio

Showcase projects, coursework and achievements.

Resume Builder

Create, customise and export professional resumes directly within Brightspace Pulse.

Connect

Expand your network, receive endorsements and explore opportunities.

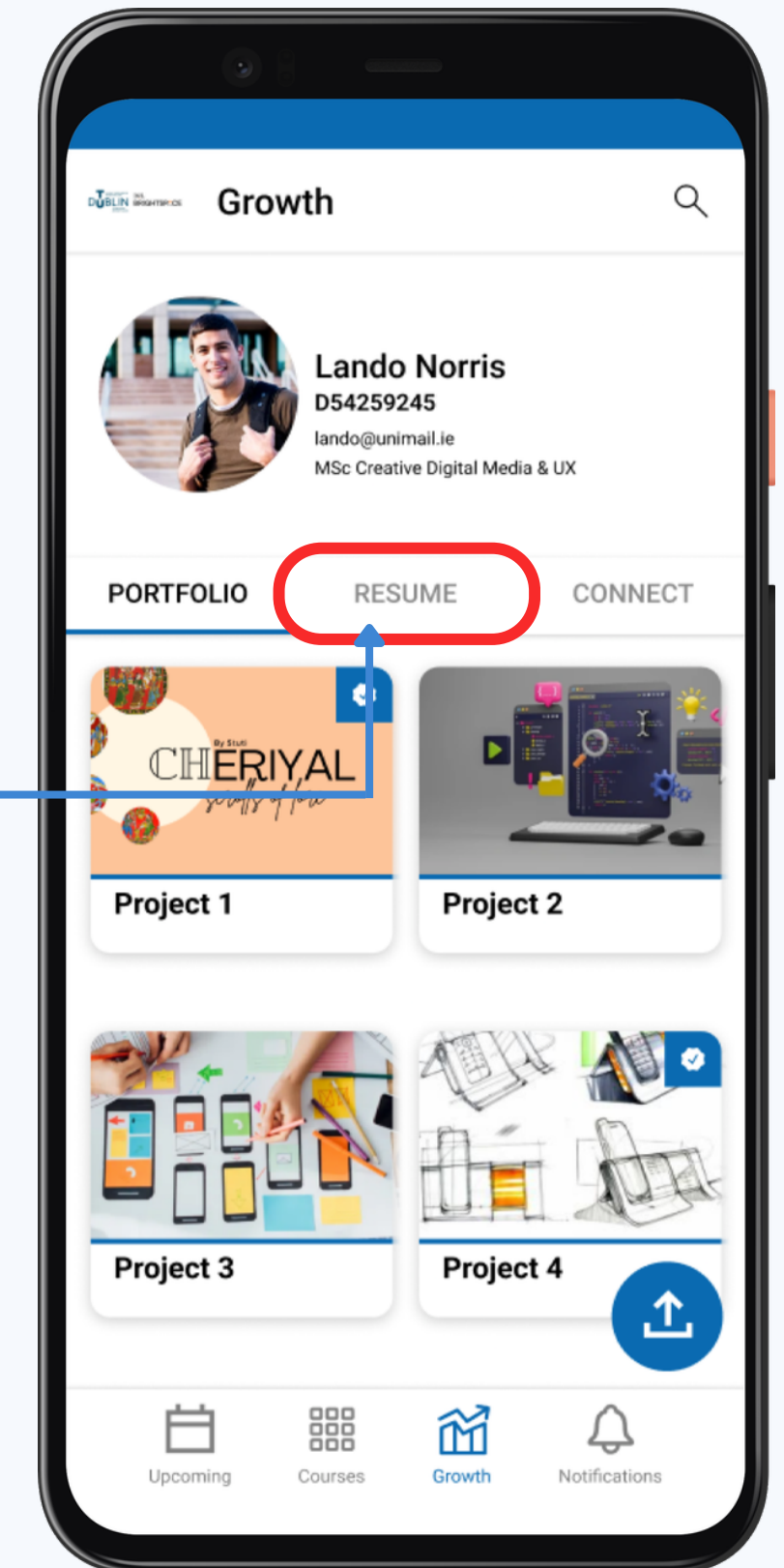
→ My Contribution

SOLUTION CHOSEN

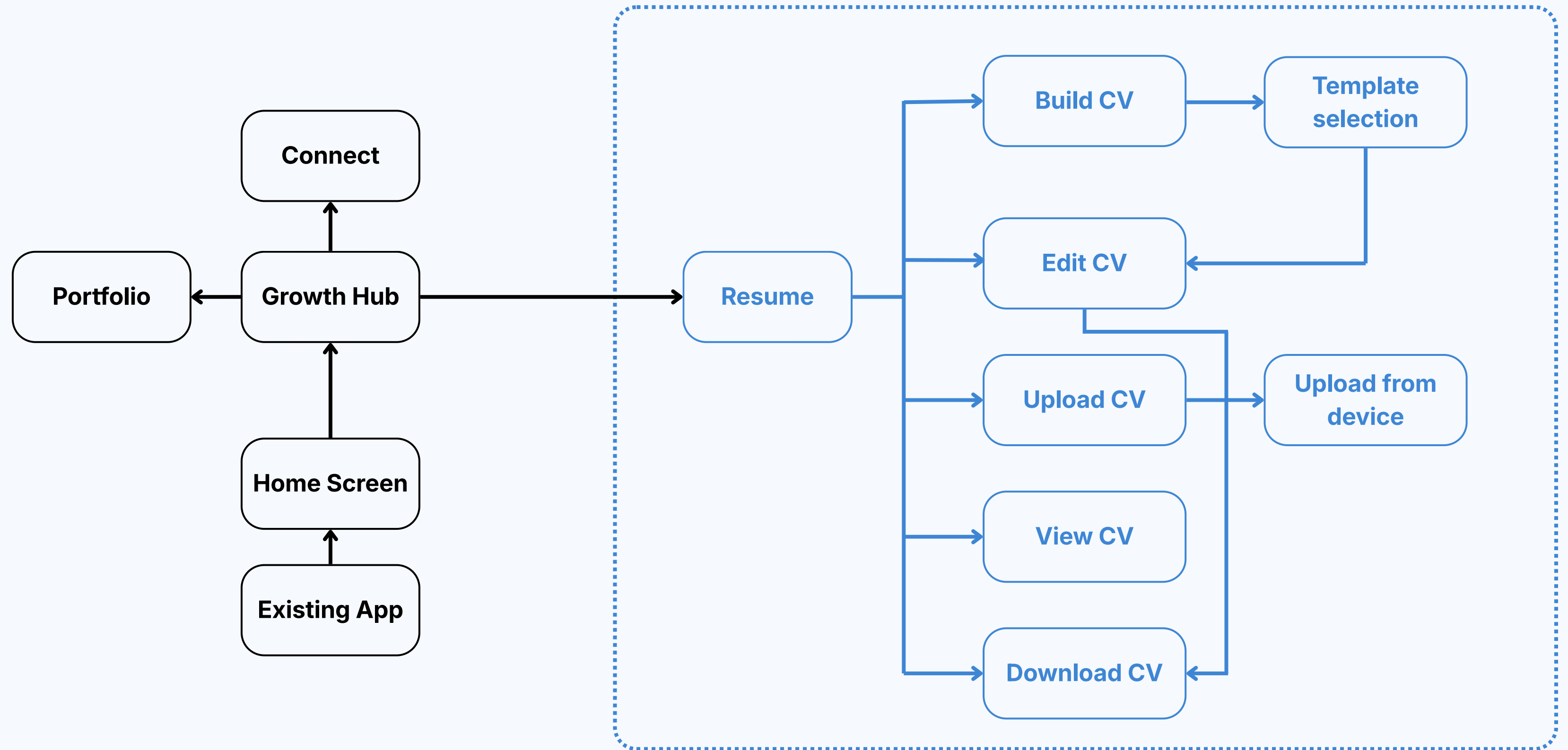
In our discussions we came up with 'Growth Hub'. This specific feature adds a whole new functionality to the app by introducing a Portfolio section, a Resume section and a Connect section, which will help students both academically and professionally.

- **Portfolio:** This section contains the personal or academic work projects that the user chooses to showcase. The projects can be uploaded from the device, Brightspace or Google Drive.
- **Resume:** This section contains an array of options for the user to choose from, in terms of creating or uploading a resume to show on their profile. Boasting a wide selection of templates, it makes CV building much easier.
- **Connect:** Dealing with the networking aspect of Growth Hub, in this section users can request professors to officially endorse their projects, save contact details about anyone in their network, or apply to graduate programmes without any hassle.

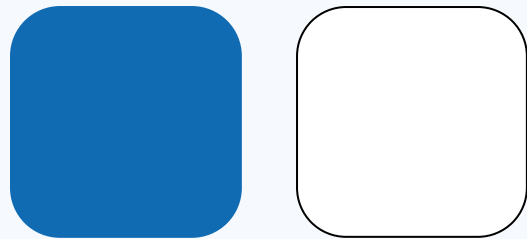
My Contribution



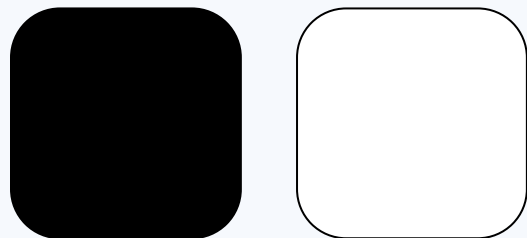
USER FLOW



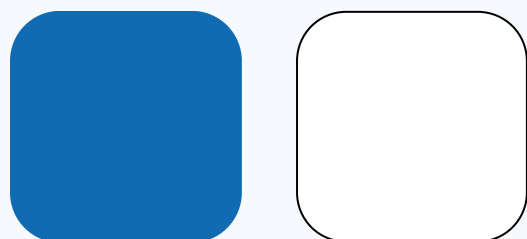
COLORS



Primary Colors



Text



Buttons

TYPOGRAPHY

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H2 Text Roboto Semi-Bold 28px

H3 Text Roboto Semi-Bold 20px

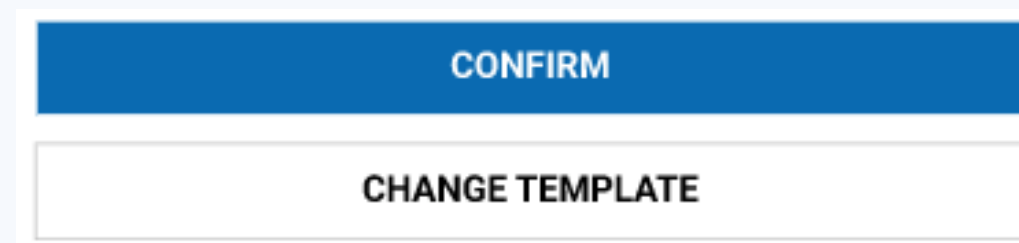
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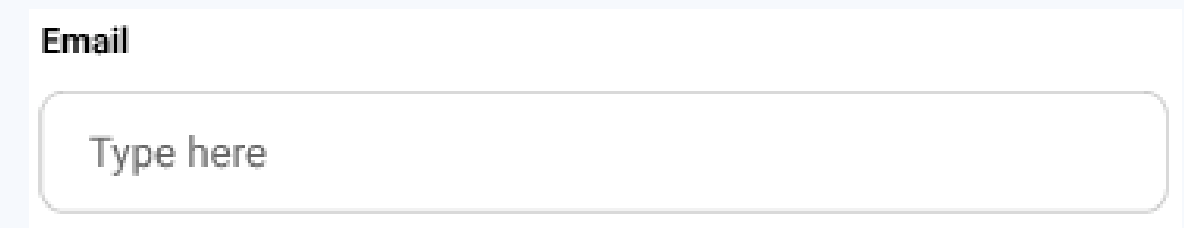
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ELEMENTS

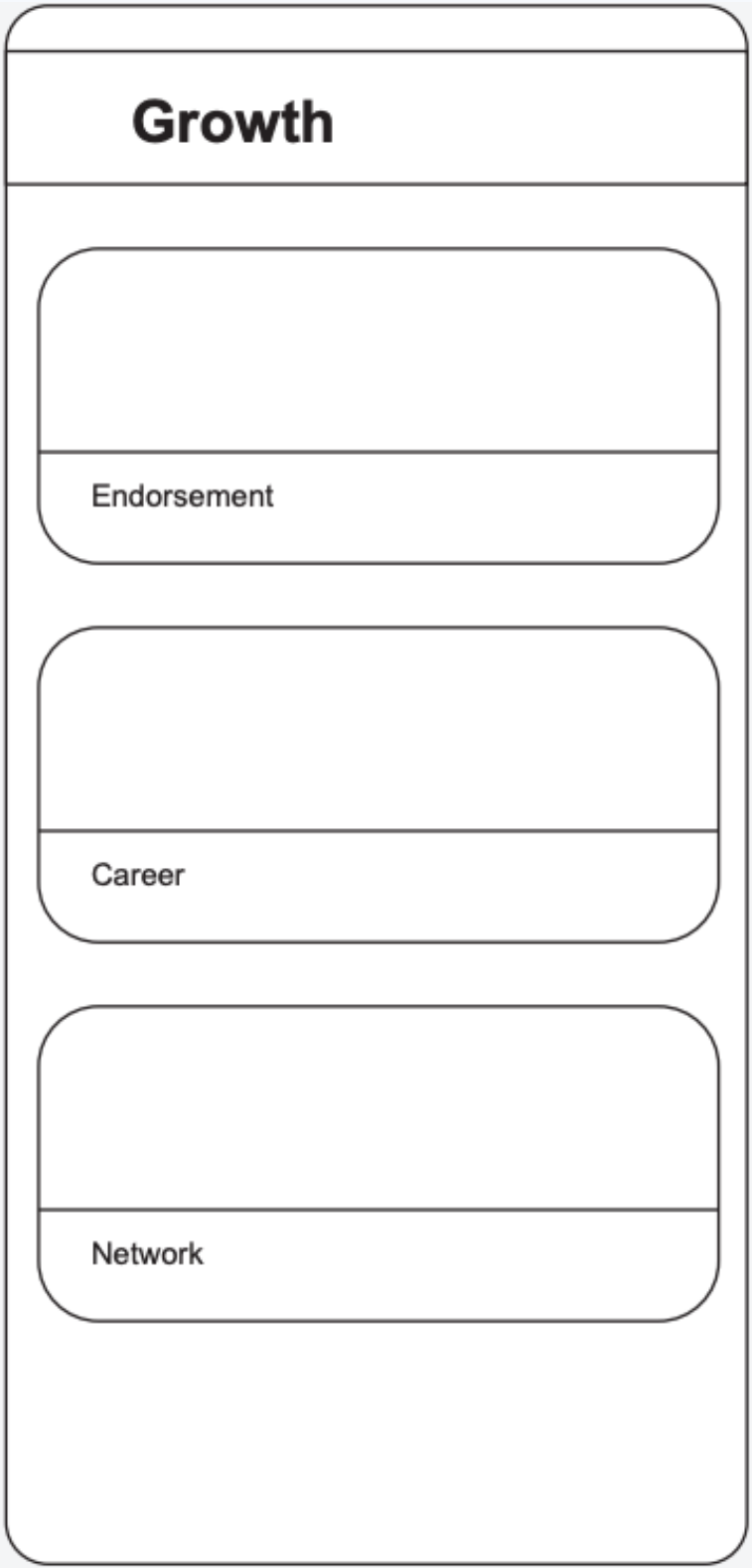
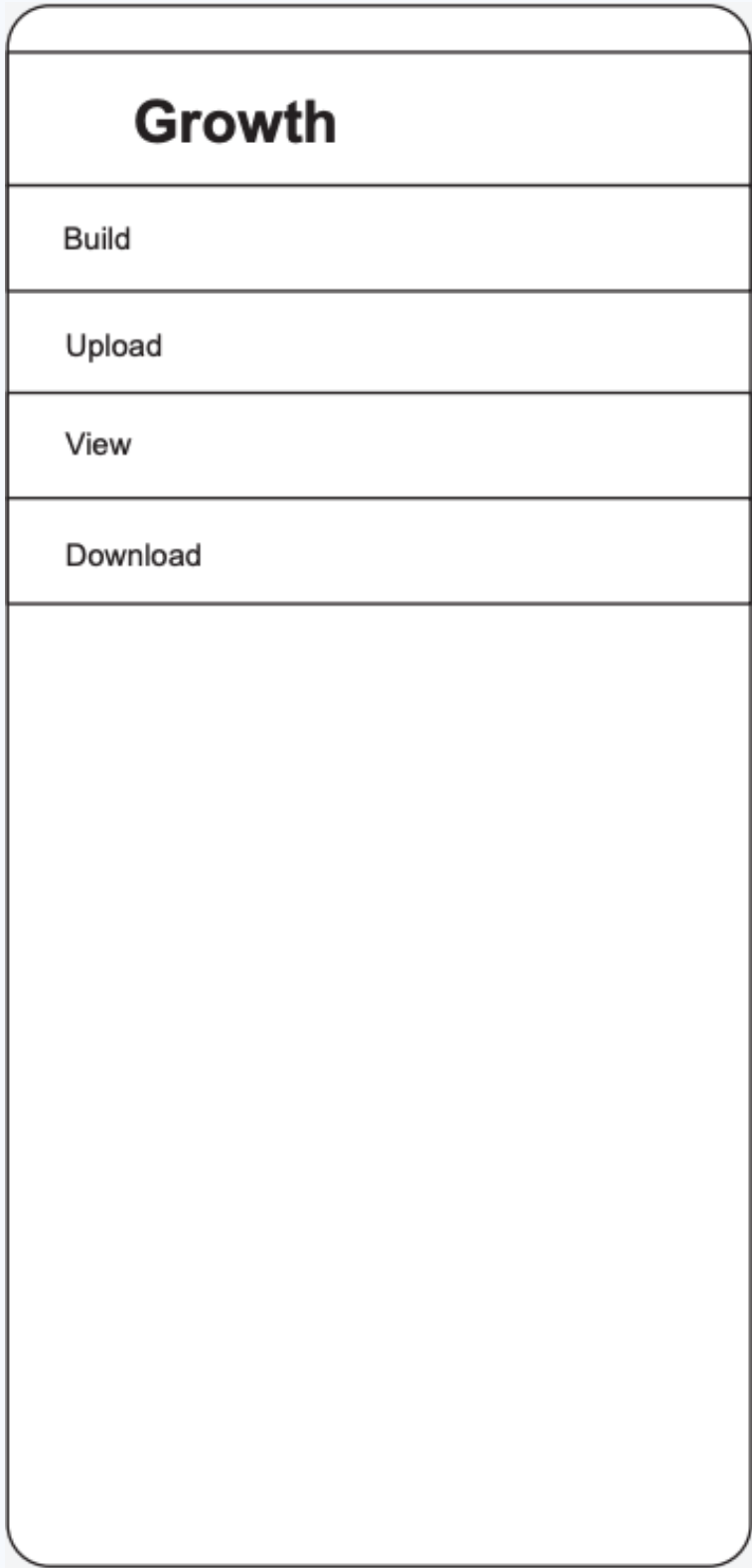
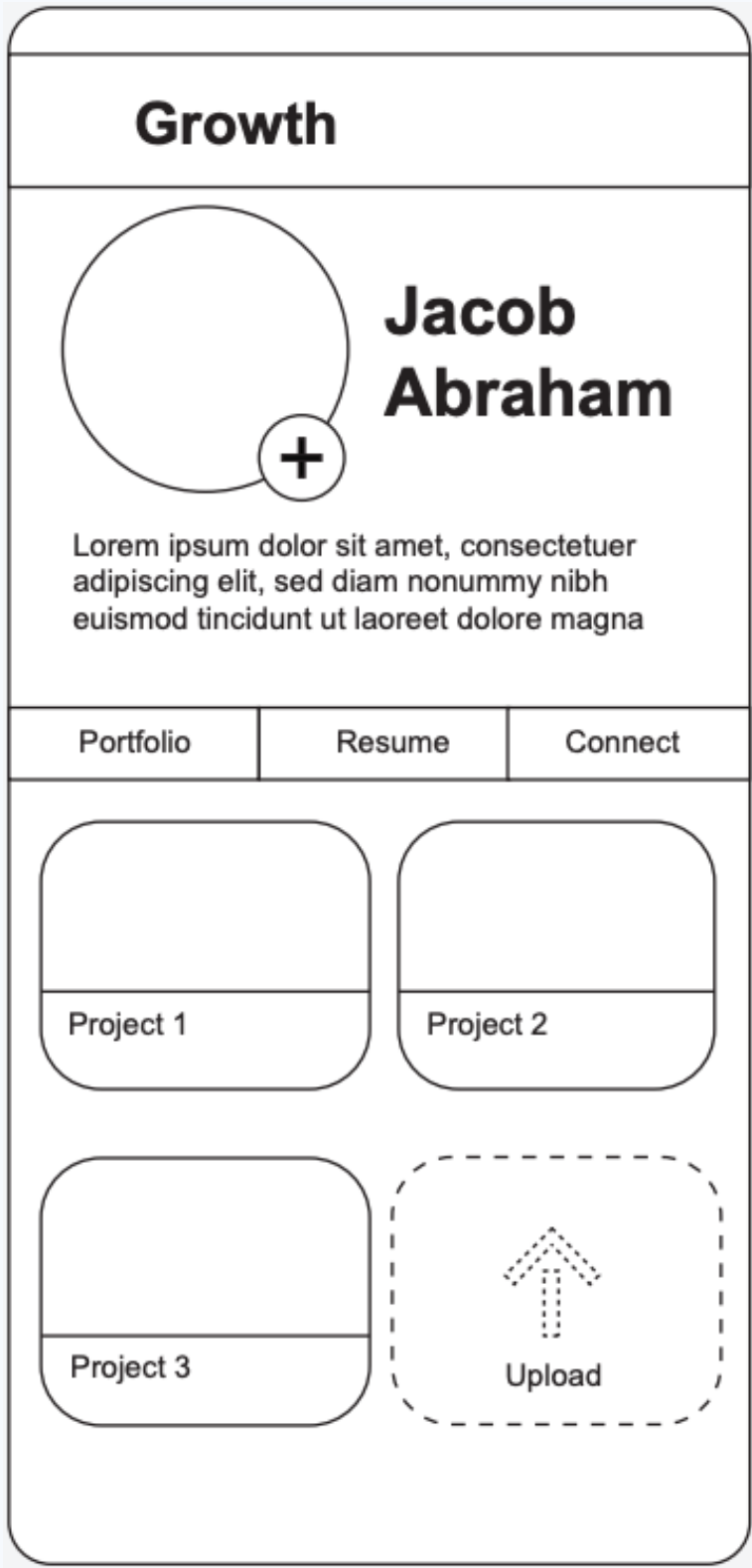


Buttons



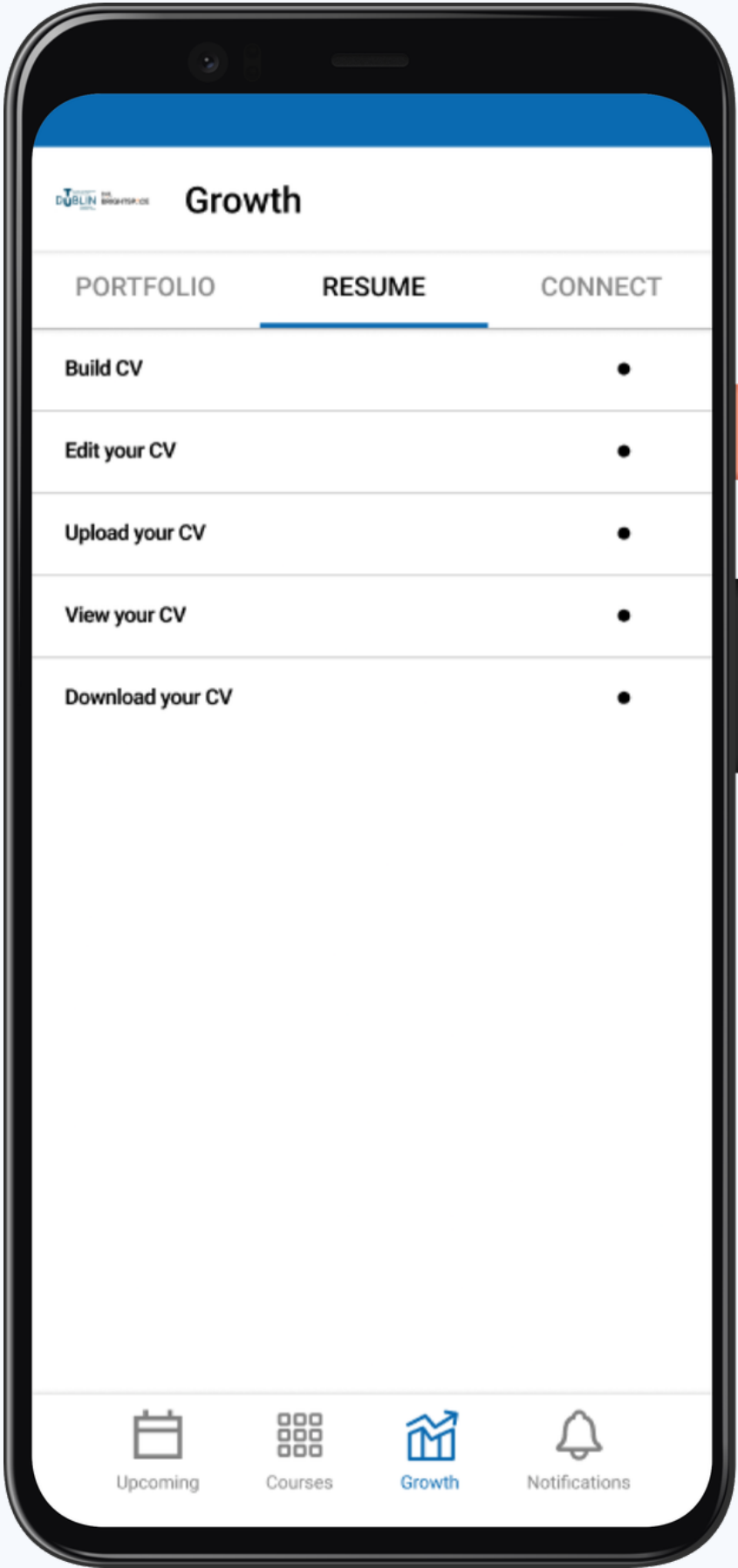
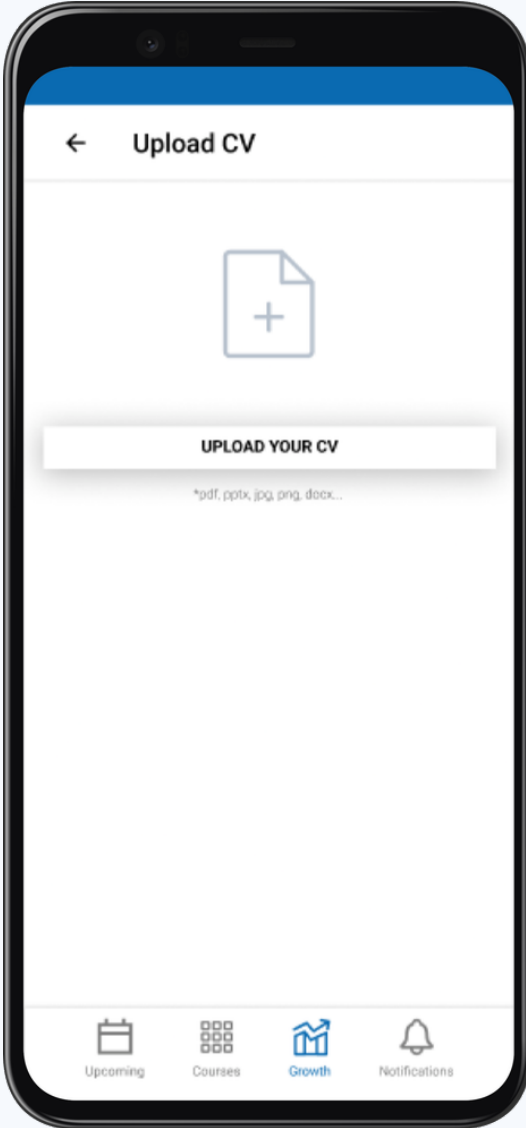
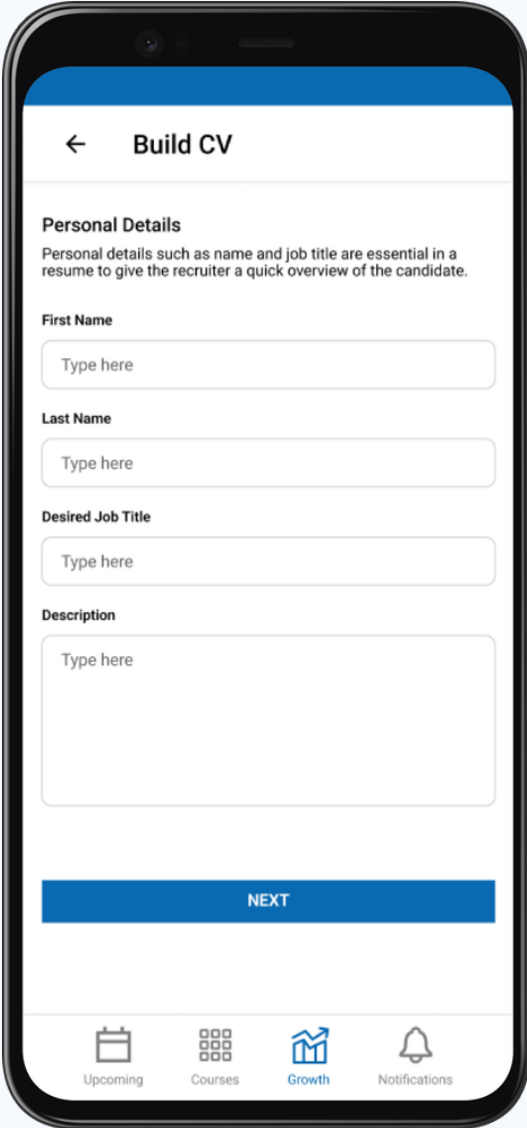
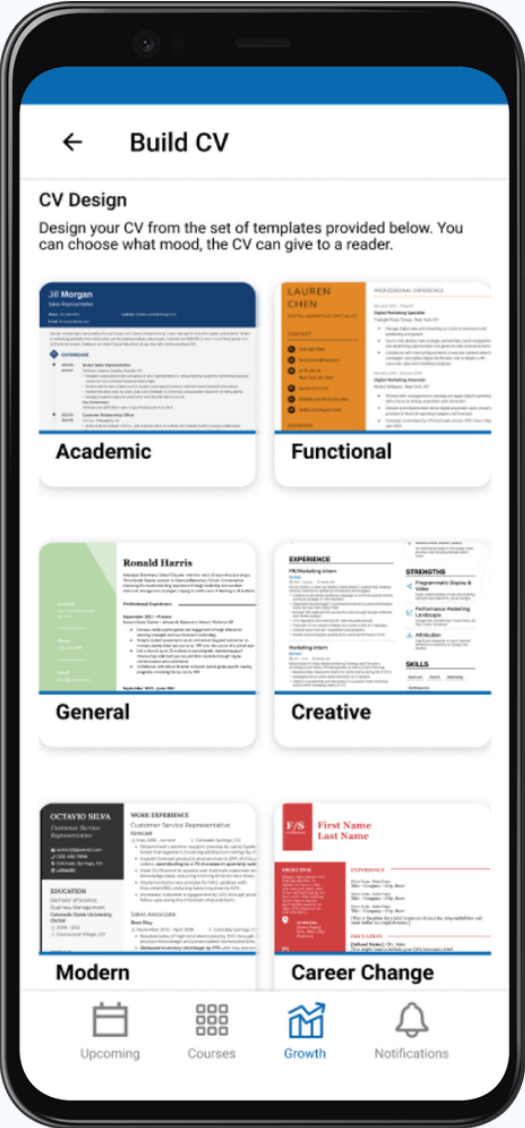
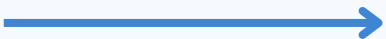
Input & Labels

MAIN WIREFRAMES



UI DESIGN

Resume home page



USER TESTING

The User Testing was conducted in the TU Dublin campus. I followed a structured testing model with the prototype in Figma and a survey once the testing was complete. The user was given the choice to select one of the three areas of the newly introduced feature. Prior to this, they were given time to navigate through the prototype to get acquainted with the UI.

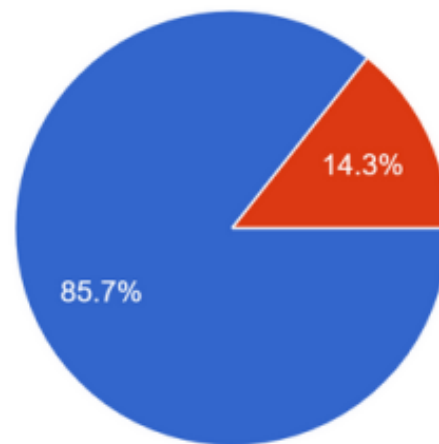
Once the testing was completed, the following questions were asked:-

- 1.Are you an undergraduate student or a postgraduate student?
- 2.Do you use the Pulse app often?
- 3.Do you like the application?
- 4.What task would you like to choose?
- 5.Rate the feasibility of the task on a scale of 1-5?
- 6.Rate the feasibility of finding the components on a scale of 1-5?
- 7.Rate the feasibility of the in-app navigation on a scale of 1-5?
- 8.Rate the User Interface Design on a scale of 1-5?
- 9.Is this feature useful?
- 10.If implemented would you use this feature?

RESULTS

Undergrad or Postgrad

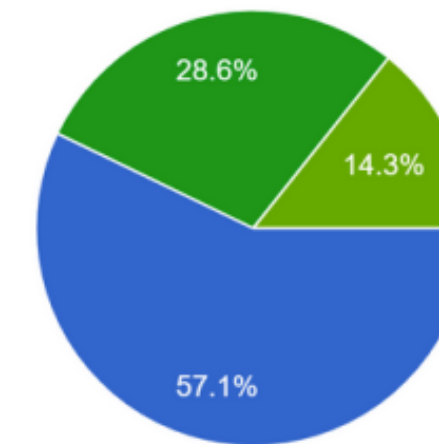
7 responses



- Undergrad
- Post grad
- Other

Task Chosen

7 responses

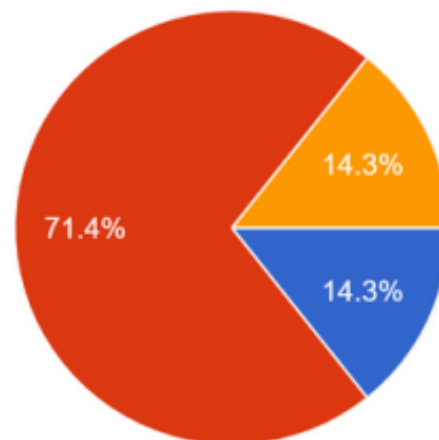


- Build CV
- Edit CV
- Upload CV
- View Project
- Upload New Project
- Upload Existing Project
- Search User
- Get Endorsed

▲ 1/2 ▼

Do you use the Brightspace mobile app (Pulse) often

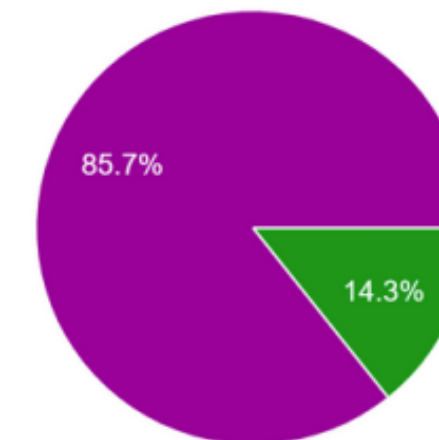
7 responses



- Yes all the time
- Not at all
- Sometimes
- Will do if its changed a bit

Task Feasibility

7 responses

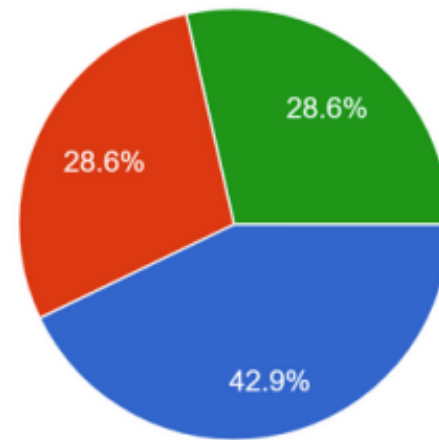


- 1
- 2
- 3
- 4
- 5

RESULTS

Do you like the application

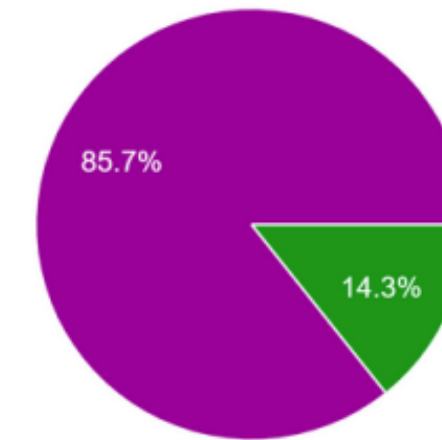
7 responses



- Yes
- No
- Maybe
- No comment

Navigation

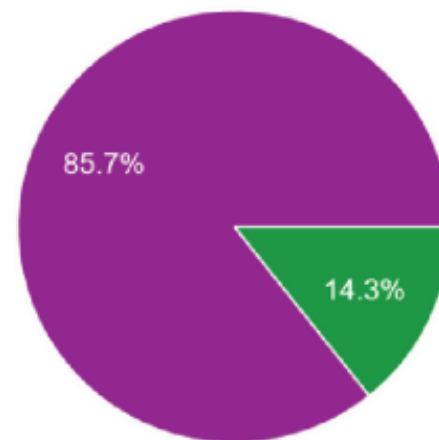
7 responses



- 1
- 2
- 3
- 4
- 5

UI Design

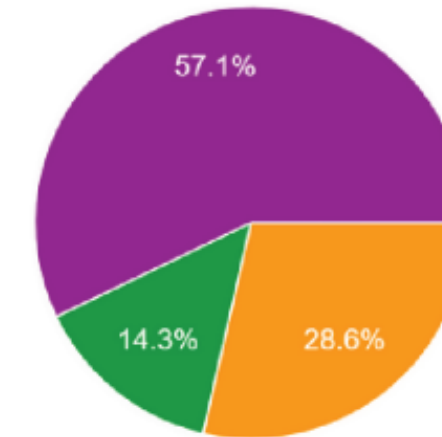
7 responses



- 1
- 2
- 3
- 4
- 5

Is this feature useful 1-5

7 responses



- 1
- 2
- 3
- 4
- 5

RESULTS

