MyBackpack Documentation

Stephen Hung, Shaan Mistry, Zhe Wang
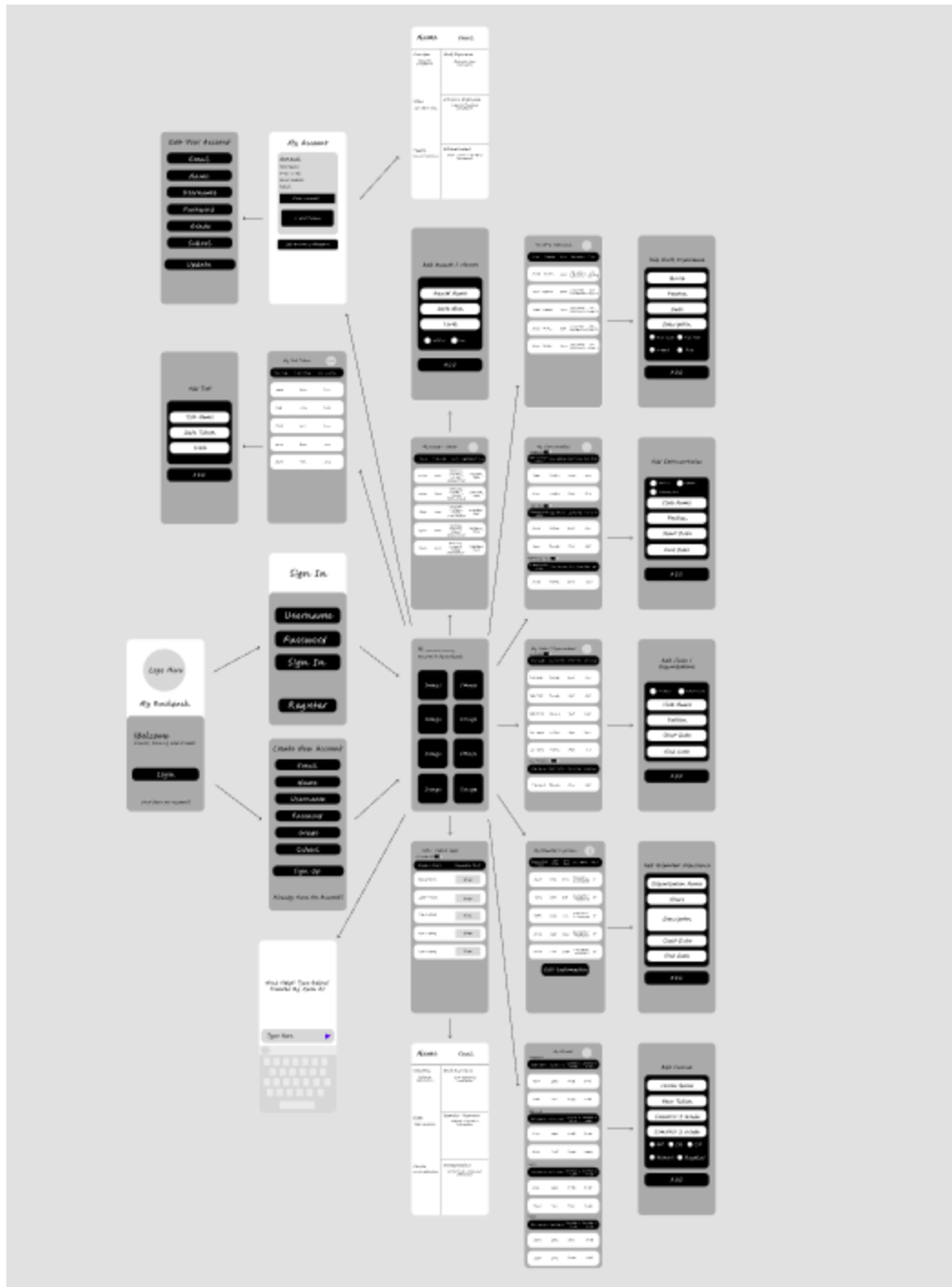
Ruben S. Ayala High School
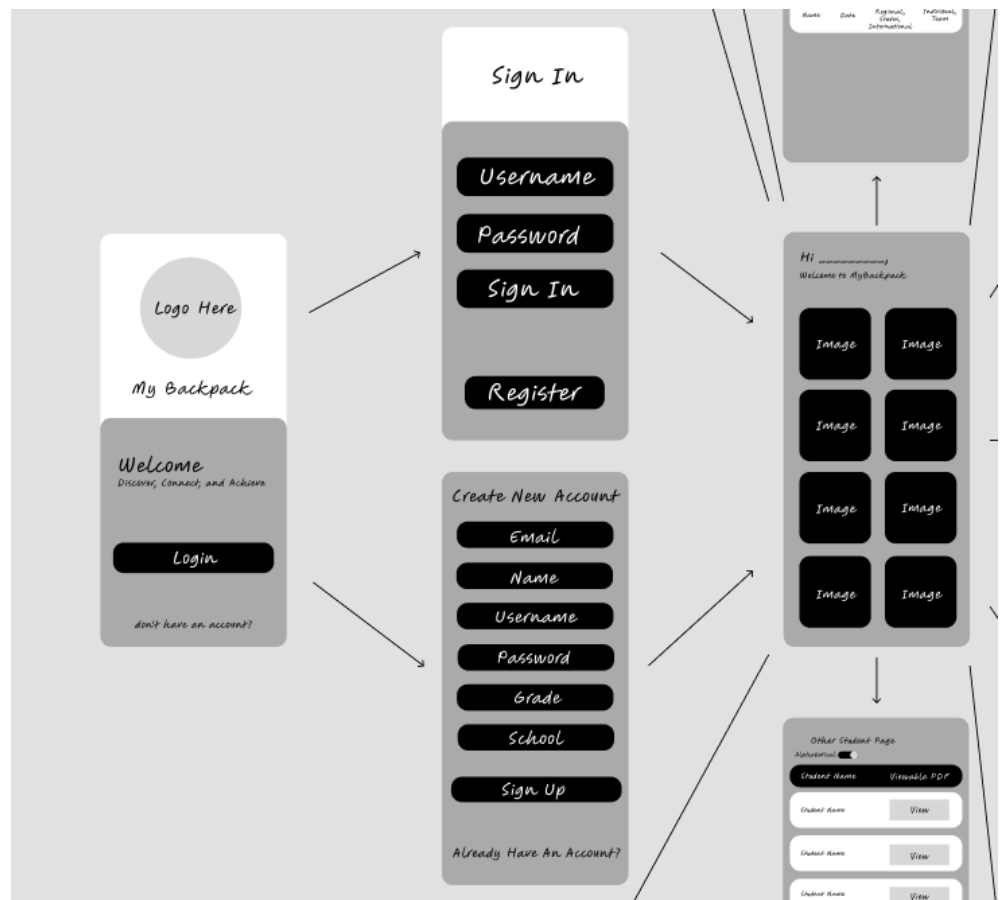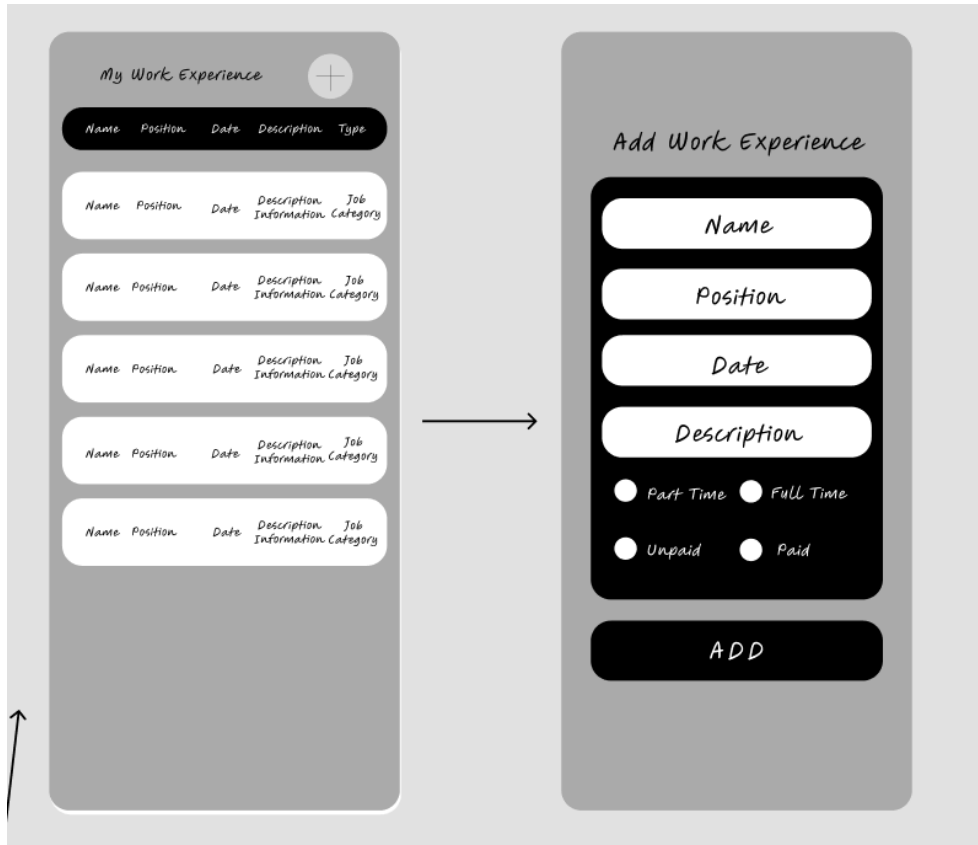
2023-24

Running the Application

This mobile application was developed in Java using Android Studio. Our app can be downloaded and run across all Android devices by using the Google Play Store application.

Planning Process

- We began our planning process by researching the requirements and prompt for this year's Mobile Application Development event
- We conducted surveys with students in our high school to determine features that they would want to see in an app that showcases their portfolio
- Before we began programming our app, we collectively set deadlines for the app using a shared Google Calendar, where we decided that we would meet once a week during December for the planning process and then ramp up to two weekly meetings during January and February as we coded.

- We wanted a way to professionally design each page of the app to make the process more efficient when it came time to outline what each page would look like. Thus, we utilized an online software named Figma to create a wireframe.

My Work Experience

Name	Position	Date	Description	Type
Name	Position	Date	Description Information	Job Category
Name	Position	Date	Description Information	Job Category
Name	Position	Date	Description Information	Job Category
Name	Position	Date	Description Information	Job Category
Name	Position	Date	Description Information	Job Category

Add Work Experience

Name

Position

Date

Description

○ Part Time   ○ Full Time

○ Unpaid   ○ Paid

ADD

Logo Here

My Backpack

Welcome
Discover, Connect, and Achieve

Login

don't have an account?

Sign In

Username

Password

Sign In

Register

Create New Account

Email

Name

Username

Password

Grade

School

Sign Up

Already Have An Account?

Hi _____
Welcome to MyBackpack

Image	Image
Image	Image
Image	Image
Image	Image

Name	Date	Regional, State, International	Individual, Team

Other Student Page
Alphabetical

| Student Name	Viewable PDF
Student Name	View
Student Name	View
Student Name	View

- During each meeting, we set specific goals for pages we wanted to complete and at the end of each meeting, we reviewed our progress and determined if another meeting was needed on the designated page to improve its performance.

Screenshots

Onboarding Page

- When the user launches MyBackpack, this will be the first page that they are prompted with. This initial page showcases the app name, logo, and slogan. The user has the option to login to a previously made account or create a new account.
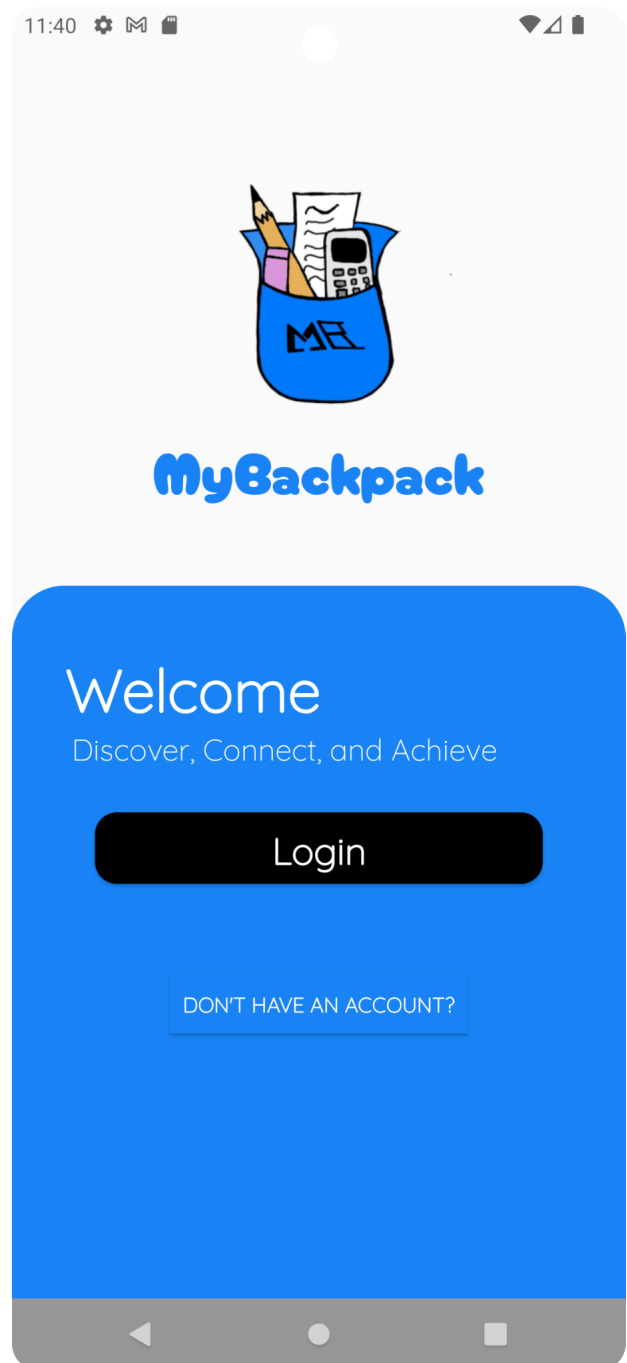
Create Account Page

- On the create account page, users are required to enter an email, name, username, password, grade, and school.

- Once entering the information, users can click the "Sign Up" button to create their account

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Create New Account

Email Address

Name

Username

Password 👁
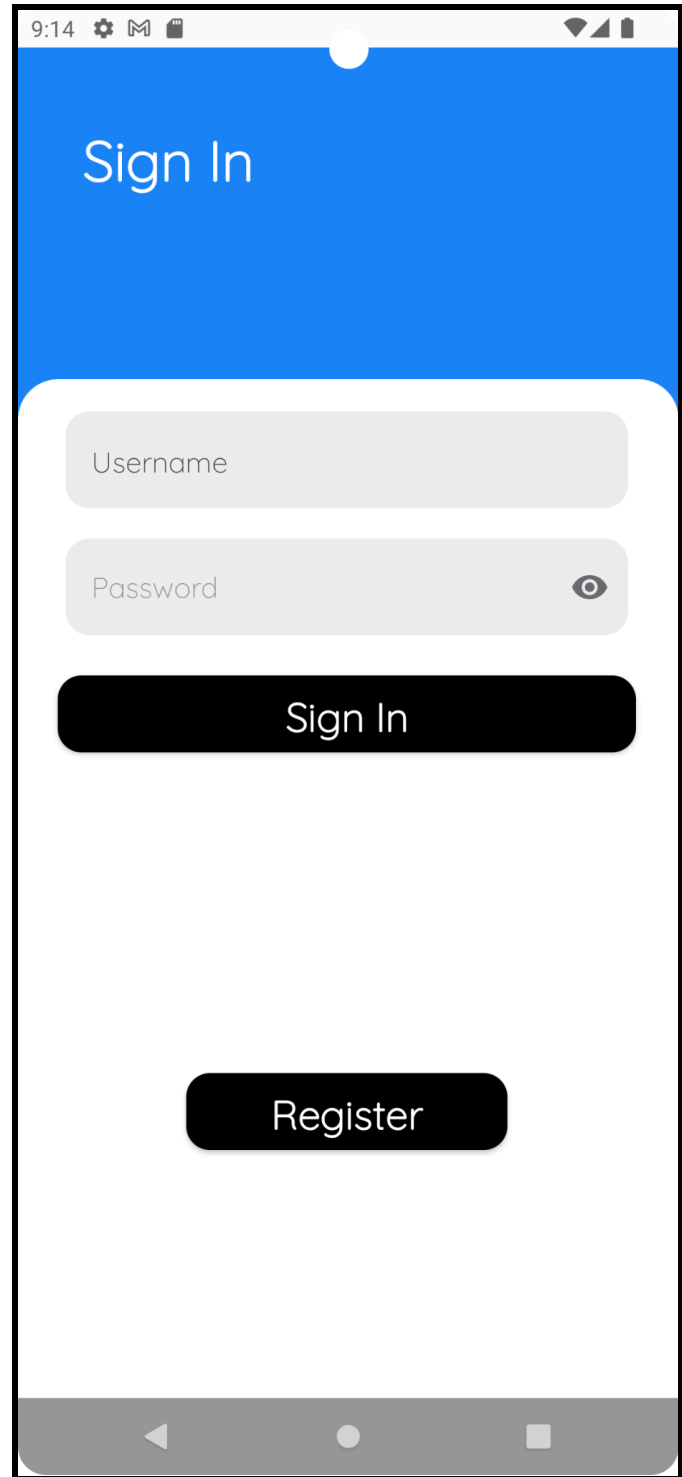
Grade

School

Sign Up

Login Page

- If users already have an account, they can use the "Sign In" page, where they will be prompted to enter their username and password. Once entering the information, they can click "Sign In" to open their account.

Home Page

- The home page of
  MyBackpack is where users
  will find buttons that lead to
  each individual part of their
  portfolio. Each button has an
  icon that represents what the
  user will view when clicking on
  it. For example, the button that
  has an icon showing a teacher
  instructing a class is where
  users can add and view
  classes they have taken.

- The home page also features a button in the top right corner
  that allows the user to logout of their account, bringing them
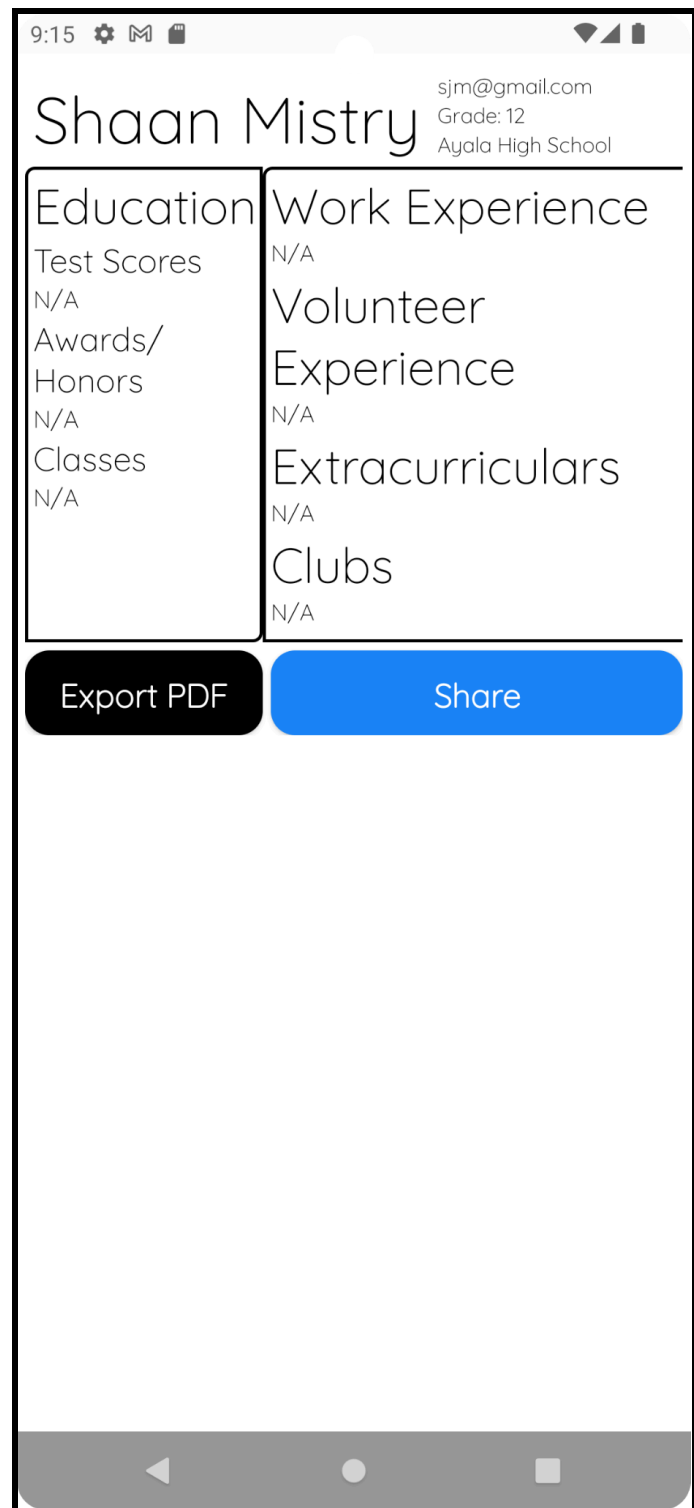 back to the onboarding page.

View Other Students Page

- The view other students
  page allows each student to
  view the portfolio of other
  students who have created
  their account. Each student
  is shown with their grade
  level and a button to "View
  Profile," which takes them to
  the resume of the
  designated student.

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Students

Sort by Alphabetical

Name	Grade	Profile
Shaan Mistry	12	View Profile
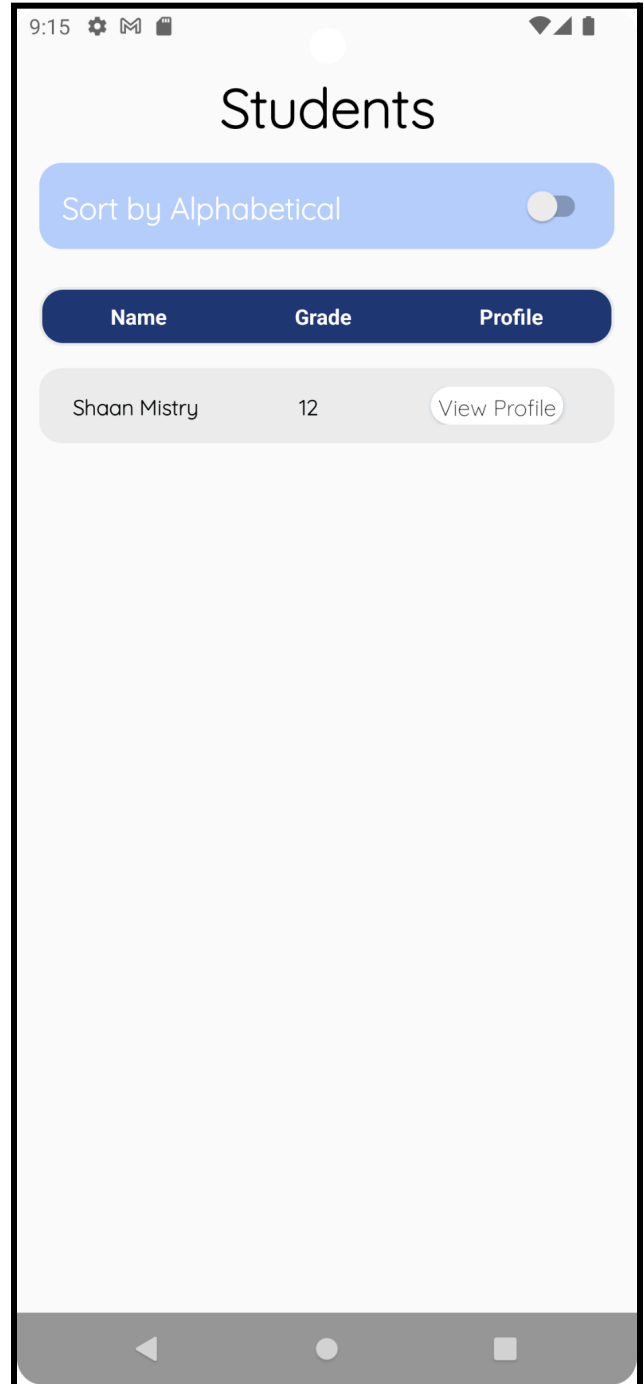
Other Student Page

- When the user clicks "View Profile" for a student from the View Other Students Page, they are brought to their portfolio, where the user can export the student's portfolio as a PDF or share it via Instagram.

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Shaan Mistry
sjm@gmail.com
Grade: 12
Ayala High School

Education	Work Experience
Test Scores N/A	N/A
Awards/ Honors N/A	Volunteer Experience N/A
Classes N/A	Extracurriculars N/A
	Clubs N/A

Export PDF | Share

My Awards Page

Add Awards Page

My Classes Page

Add Classes Page

My Volunteer Experience Page

Add Volunteer Experience Page

My Clubs Page

Add Clubs Page

Other Extracurriculars Page

Add Other Extracurriculars Page

My Work Experience Page

Add Work Experience Page

My Test Scores Page

Add Test Scores Page

Help Page (Chatbot)

Bug Reporting Page

View My Account Page

Edit Account Information Page