Progress Report
- Increment 2 -
Group #15

1) Team Members

Asia Thomas, at22bv

Kayla Heady, kh21j

Nathan Poore, nbp23a

2) Project Title and Description

Our project title is Study Circle. It is an app that helps students connect with classmates to form project teams and study groups. With a Tinder-style matching system, students can find study buddies and project team members quickly and comfortably. As of now, we plan to implement secure authentication, user profile creation, Tinder-style swiping, class-based matching, and in-app messaging.

3) Accomplishments and overall project status during this increment

During this increment, the app was successfully connected to Supabase. We also successfully developed and tested the user sign-up and login features, ensuring smooth functionality. The app now includes a class listing page and a profile creation page, allowing users to upload profile pictures and select their university. We have confirmed the functionality of the home, sign-in, sign-up, and profile creation screens using Expo Go. Additionally, we have logged errors from the testing of test user sign-ins and are preparing for further performance tests after implementing the matching system.

4) Challenges, changes in the plan and scope of the project and things that went wrong during this increment

During this increment one thing that went wrong was getting the swiping feature in place with the whole screen and our logo on top. Right now the container is a bit low for my liking but I will be fixing the design in the next couple days.

5) Team Member Contribution for this increment

*Please list each individual member and their contributions to **each of the deliverables in this increment** (be as detailed as possible). In other words, describe the contribution of each team member to:*

a) **Progress Report**:

      i)   Asia Thomas – Stakeholder communication email, Accomplishments and project status.

ii) Kayla Heady –   Started the code of the app adding all the needed files ie. app.tsx. Developed and finished the sign in, the two signup screens, and started the home screen. Connected the files to supabase our platform for our database. I also connected git and expo go for the development.

iii) Nathan Poore – Project status, Tested Signup Screen/Home Screen

b) Requirements and Design document:

i)   Asia Thomas – Overview, Functional Requirements, Nonfunctional Requirements

ii) Kayla Heady - Assumptions and dependencies

iii) Nathan Poore - Case Diagram, Class and Sequence Diagram, Operating Environment

c) the implementation and testing document , including the sections they wrote or contributed to

i)   Asia Thomas – Execution-based Functional Testing, Execution-based Non-Functional Testing, Non-Execution-based Testing, Plans for next increment.

ii) Kayla Heady - Programming Languages, Platform, APIs, Databases, and other technologies used

iii) Nathan Poore - Execution-based Functional Testing, Non-Execution-based Testing, Programming Language, Next Increment Plans

d) the source code (be detailed about which parts of the system each team member contributed to and how)

i)   Asia Thomas – home screen ui design

ii) Kayla Heady – sign up screens, sign in, and home screen

iii) Nathan Poore – home screen ui design

e) the video or presentation

i)   Asia Thomas – Drafted Presentation Plans

ii) Kayla Heady – Demo Video

iii) Nathan Poore – Drafted Presentation Plans, Recorder, Presenter

6) Plans for the next increment

In the next increment, we plan to address and fix any existing bugs while expanding the class listings and adding more test users for thorough testing. We will implement the manage profile screen, allowing users to edit their profiles, and introduce the Tinder-style swiping system along with the matching algorithm. Additionally, we will enhance security by ensuring passwords are hidden while typing during sign-up and implement safety features such as user blocking and reporting to improve user experience and platform security.

7) Stakeholder Communication

Dear Stakeholders,

We are excited to provide an update on the development of Study Circle, our platform designed to connect students with classmates for project teams and study groups. Currently, we are fine-tuning the user sign-up and login features. The app now includes a working sign-up and login flow, a class listing page, and a profile creation page, where users can upload a profile picture and select their university.

Our focus is on ensuring a seamless and intuitive experience, with a simple and efficient matching system that helps students find study partners and teammates easily. We're continuing to develop additional features and enhancements to improve the overall user experience.

Best regards,
Study Circle Development Team

8) Link to video

https://youtu.be/_N_xkazC0uc