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Concept Summary

A simple study-pal connection app allowing students to find other students with the same majors. Our app features a tinder swipe like feature for ease of saving and deleting matched profiles while also having a chat messaging system allowing students to communicate with one another.

Audience/Customer

CSUEBConnect was developed by students and was made for the students, our target audience. We aim to develop a simple connection app giving fellow students the connection they desire. Whether it be using the app for homework help, finding study buddies, or even just looking for new friends, CSUEBConnect has you connected...

Background

In order for a student to get started with our app, they must first register an account by creating a username and password. Afterwards they will be directed to the main page. There the user will have further abilities to edit their profile, which is the step required to find matches. After editing profile, they will automatically be directed to the matches page. Here students can swipe right or left on the profiles they were matched up and even have a chat with their newly matched partners.

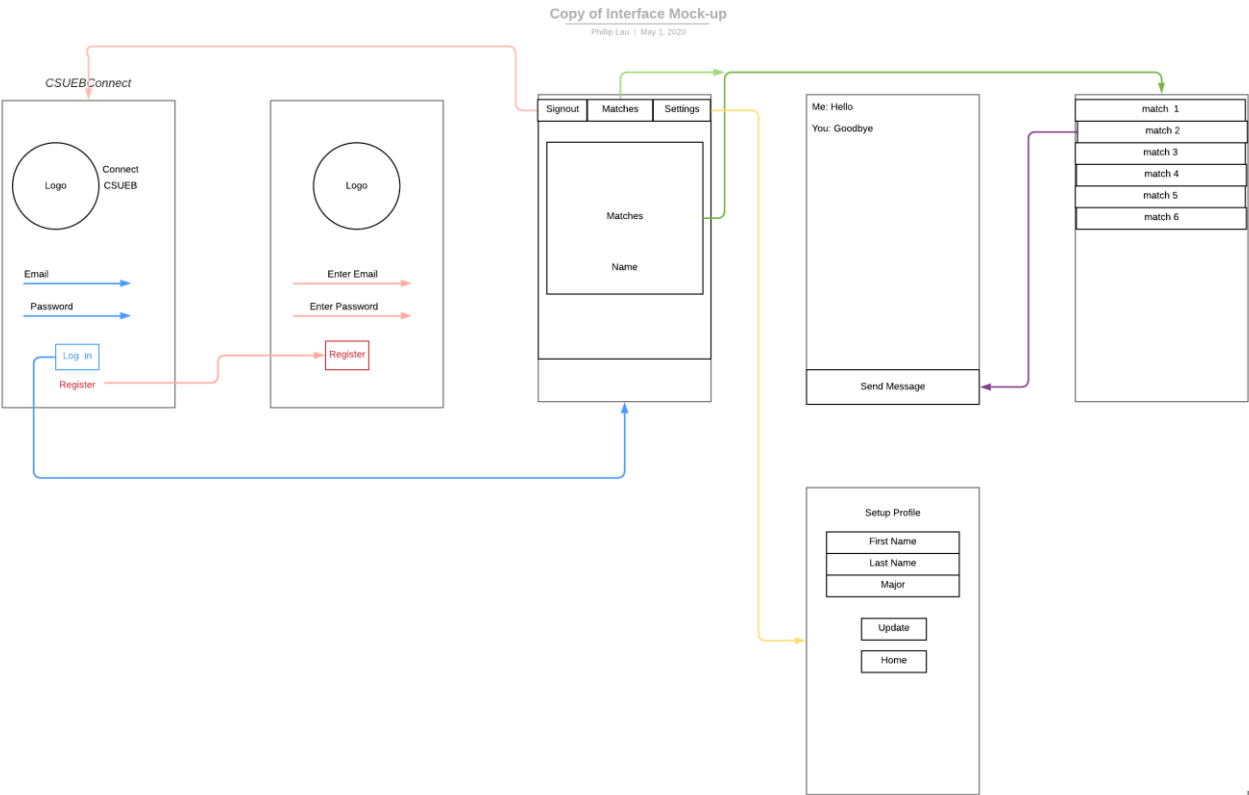
What you need to get started:

- A memorable username and password. Real emails allow for forgotten password retrieval.
- Students who are familiar with college
- A Major
- A desire for connection and social interactions
- Basic knowledge of apps
- A mobile phone

Application Cost and Projected Success

- Cost to produce app: \$0
- Free for anyone to use

Interface Mockups



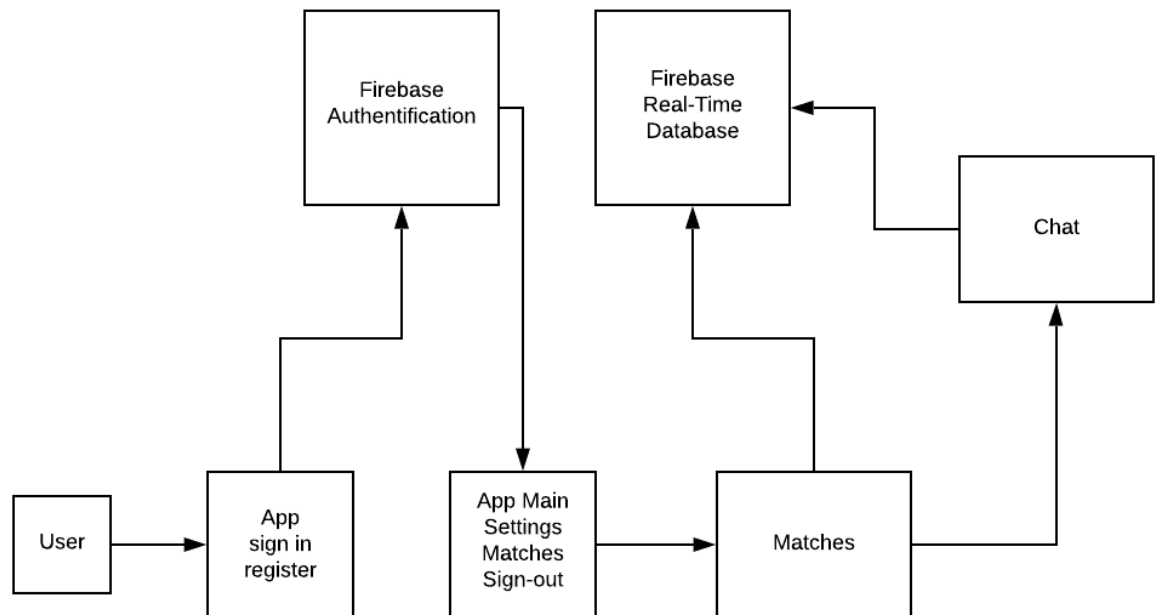
[Click here for a closer look](#)

UML Class Diagram



[Click here for a closer look](#)

Case Diagram



Related Work

Our app draws inspiration from Tinder and WhatsApp with our swipe like feature for profile matches and chat messaging. When designing our app, we kept the user interface to a minimum and got rid of a lot of un-necessary pages that might confuse the user. The goal was to design a simple to use matching app that allows users to instantly send a message to any matched profile.

Frameworks/Services/Cloud/Backends

-Android SDK

-Firebase Authentication

-Firebase RealtimeDatabase

Testing

J-unit testing on classes

Test driver

Database Test

Mobile Phone GUI interface testing

Schedule

Z

Zenhub > Board

Switch to related Workspaces if any repos belong to other Workspaces, allowing for quick access to similar sets of Issues. See related Workspaces

Repos (1/1)

Labels

Milestones

Assignees

Epics

Releases

Estimates

Authors

Find Issues (f+i)

New Issue +

Points

5 Issues - 0 Story Points

Icebox

Project3_again #18

Code Documentation

Project3_again #19

UML class diagram

Project3_again #20

J-unit testing

Project3_again #22

Upload Hangout Message Log

Project3_again #24

Update Zenhub

3 Issues - 0 Story Points

Backlog

Project3_again #10

Login and registry

Project3_again #11

Chat Messaging

Project3_again #12

Matches

5 Issues - 0 Story Points

In Progress

Project3_again #13

Finalize WIKI

Project3_again #14

Submit Project

Project3_again #17

Create a Video Demonstration for submission and presentation

Project3_again #23

Peer Evaluations

Project3_again #26

CSUEBConnect App

4 Issues - 0 Story Points

Review/QA

Project3_again #9

Firebase Database set-up

Project3_again #15

Login Firebase authentication

Project3_again #16

Match Database

Project3_again #21

Firebase chat messaging set up

6 Issues - 0 Story Points

Done

Project3_again #1

ZenHub Created

Project3_again #2

Mock-up GUI

Project3_again #4

Chat Messaging GUI

Project3_again #5

Match GUI

Project3_again #3

GUI login and registry

Project3_again #25

Finalize ZenHub

3+ Issues - 0 Story Points

Closed

Project3_again #6

Match GUI

Project3_again #8

WIKI update

Project3_again #7

Match GUI

Load more issues...

Add a Pipeline

Dependencies

Build Gradle

```
implementation fileTree(dir: 'libs', include: ['*.jar'])  
implementation 'com.google.android.material:material:1.1.0'  
implementation 'androidx.appcompat:appcompat:1.1.0'  
implementation 'androidx.constraintlayout:constraintlayout:1.1.3'  
testImplementation 'junit:junit:4.13'  
androidTestImplementation 'androidx.test.ext:junit:1.1.1'  
androidTestImplementation 'androidx.test.espresso:espresso-core:3.2.0'  
implementation 'com.google.firebase:firebase-database:19.3.0'  
implementation 'com.google.firebase:firebase-analytics:17.4.0'  
implementation 'com.google.firebase:firebase-auth:19.3.1'  
implementation 'com.google.firebase:firebase-storage:19.1.1'  
implementation 'de.hdodenhof:circleimageview:3.1.0'  
implementation "androidx.recyclerview:recyclerview:1.1.0"  
implementation 'com.lorentzos.swipecards:library:1.0.9'  
implementation "androidx.cardview:cardview:1.0.0"  
implementation 'com.github.bumptech.glide:glide:4.11.0'  
implementation 'com.google.android.material:material:1.1.0'
```