

# CRITERION A:

## Part I: Who is the Client & Advisor?

The client for my app will be Kelly Cai. My advisor for the project is Divya Rajasekhar, a relative who has taken Computer Science courses at the University of Washington and currently works as an Associate Accounts Manager at Stackline. My consultations with both of these individuals will be documented in Appendix B. I will be coding my program in flutter using the programming language Dart, and my backend will be FireBase.

## Part II: Scenario:

NHS Peer Tutoring is an organization where NHS members can offer to tutor Skyline students in need of help in exchange for volunteer hours. Without an app that would allow students and tutors to easily pair together based on each others' needs & schedule tutoring sessions, the scheduling process can, at times, be very tedious.

## Part III: Rationale:

My solution to this problem is to create an app that will allow students and tutors to easily schedule appointments and chat with each other within the app. Since the app is strictly dedicated to NHS Peer Tutoring, it will reduce a lot of the clutter associated with email conversations, and the appointment scheduling function will allow tutors and students both to remember when to meet each other.

## SUCCESS CRITERION:

### 1. Successful authentication:

If the user inputs an email that does not already exist, they should get a message saying there is an error. If the user inputs an incorrect password, they should get an error message. If all credentials are correct, users should go to the home screen.

### 2. Account Creation:

Users should be able to create an account by inputting their email and password and choosing whether to have a student or tutor account. The app should check whether the passwords match and give an error if they do not.

### 3. Editing Account Details:

Students should be able to edit their name, email, and bio. Tutors should be able to edit all of that as well as the category they are teaching and specialty subject

### 4. Exploring For Tutors

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Only students should be able to explore for tutors, and not vice versa. This is for the safety of the students. Students will have a home page with different subjects, and they should be able to see all the tutors that will teach those subjects.

#### 5. Tutor Profile

Once students click on the tutor of their choice, they should be redirected to a tutor profile that displays the tutor's name, their specialty subject, and bio. They should also get the option to text the tutor or book an appointment.

#### 6. Chat Room:

This should function like a regular chat room. Students and Tutors should be able to exchange messages with one another.

#### 7. Booking Screen:

The booking screen should be available for students only, and they should be able to input their name and details about the appointment and use the datepicker tool to pick a date for their appointment.

#### 8. Appointments Screen:

Both tutors and students should have an appointments screen where they can see the appointments they have and what time.

#### 9. Logging Out:

Once students and tutors click the logout button in the settings page, they should be redirected back to the login screen, where they will have to log in again if they want to access their account.

WORD COUNT: 500