Screen Sketches

CampusConnect

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Prepared for:

COMS S 309 -Software Development Practices
Iowa State University Computer Science Department

Prepared by:

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Roles:
1. Students:
   - Join a Tutor Session
   - Display Profile Information(For other users as well)
   - Create/edit profile page
   - Rate Tutors after going to a session.
   - Create a study group(post demo 3)
   - Join study group.
   - Chat in groups
2. Tutors:
   - Create Tutor Sessions
   - Manage Tutor Sessions
   - Display Profile Information(for other users also)
   - Set their price/rate on their profile
   - See their rating on profile
   - Rating System
     - Have a double for their ratings. After a user completes a
3. Administrators:
   - Edit / Delete Users
   - Edit / Delete Majors
   - Edit / Delete Classes
   - Invite/add other admin accounts

(Created by Carson Torrey and Camden Klicker)

Non-Functional Requirements

1. The app should be able to support 10 active users.
2. All pages must load within 2 seconds of being called.
3. The user should not be able to interact with any function outside of their role.
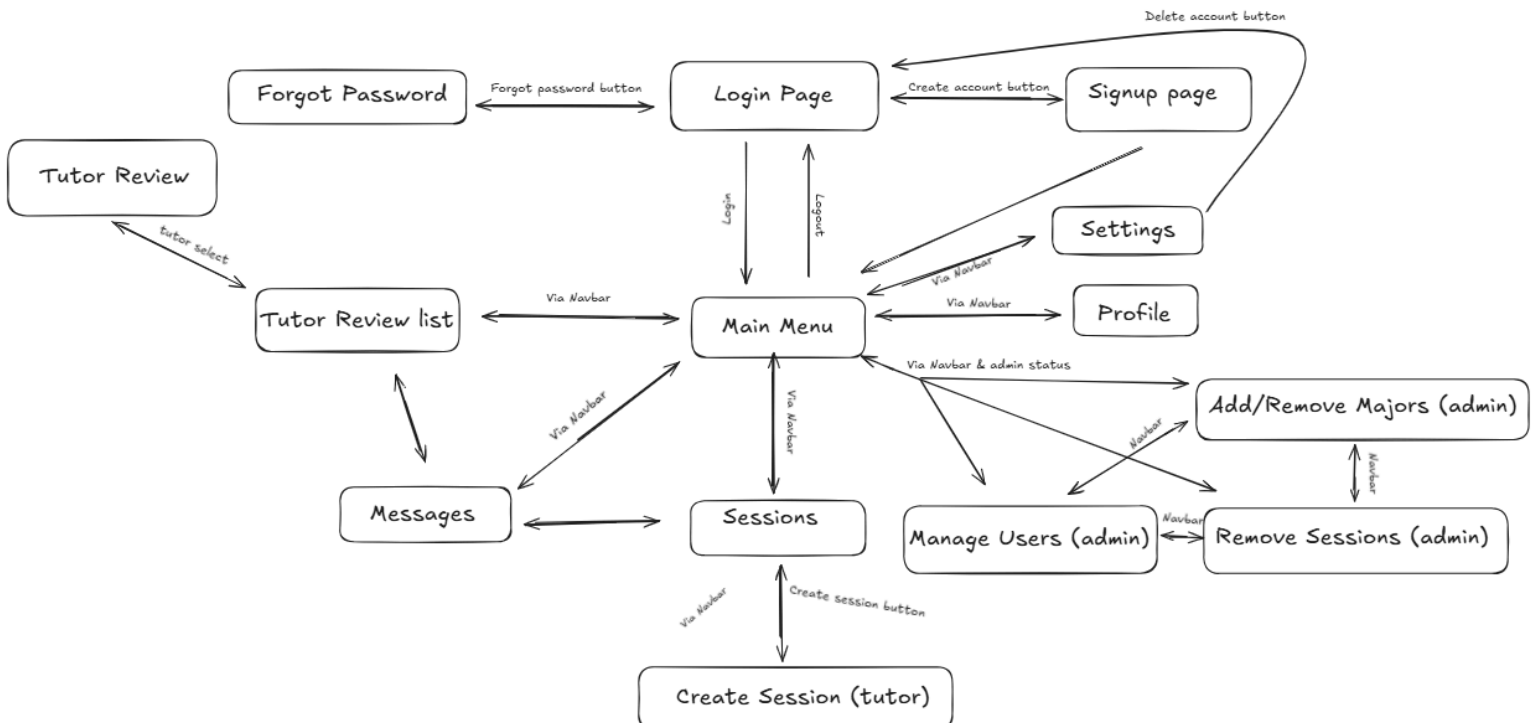4. The app should contain a sizable font and have enough contrast to be easily read by users.

(Created by Preet Patel)

Tables and Fields

- **User**
  - **userId**
  - **firstName**
  - **lastName**
  - **Username**
  - **Password**
  - **major**
  - **Year**
- **Tutor**
  - **tutorId**
  - **totalClasses**
  - **Rating**
  - **User (Mapped from Users)**
- **TutorClasses**
  - **Id**
  - **tutorId**
  - **classCode**
- **TutorAvailability**
  - **Id**
  - **tutorId**
  - **startTime**
  - **endTime**
- **Sessions**
  - **sessionId**
  - **userId**
  - **tutorId**
  - **className**
  - **classCode**
  - **meetingLocation**
  - **meetingTime**
  - **Date**
- **SessionMembers**
  - **Id**
  - **sessionId**
  - **userId**
  - **isTutor**
- **Ratings**
  - **Id**
  - **userId**

- ○ **tutorId**
- ○ **Sessionid**
- ○ **Rating**
- ○ **classCode**
- ○ **className**
- ● **Classes**
  - ○ **classId**
  - ○ **classCode**
  - ○ **className**
- ● **Admin**
  - ○ **adminId**
  - ○ **Permissions**
  - ○ **isActive**
  - ○ **User (Mapped from user)**

Screen Flow Diagram

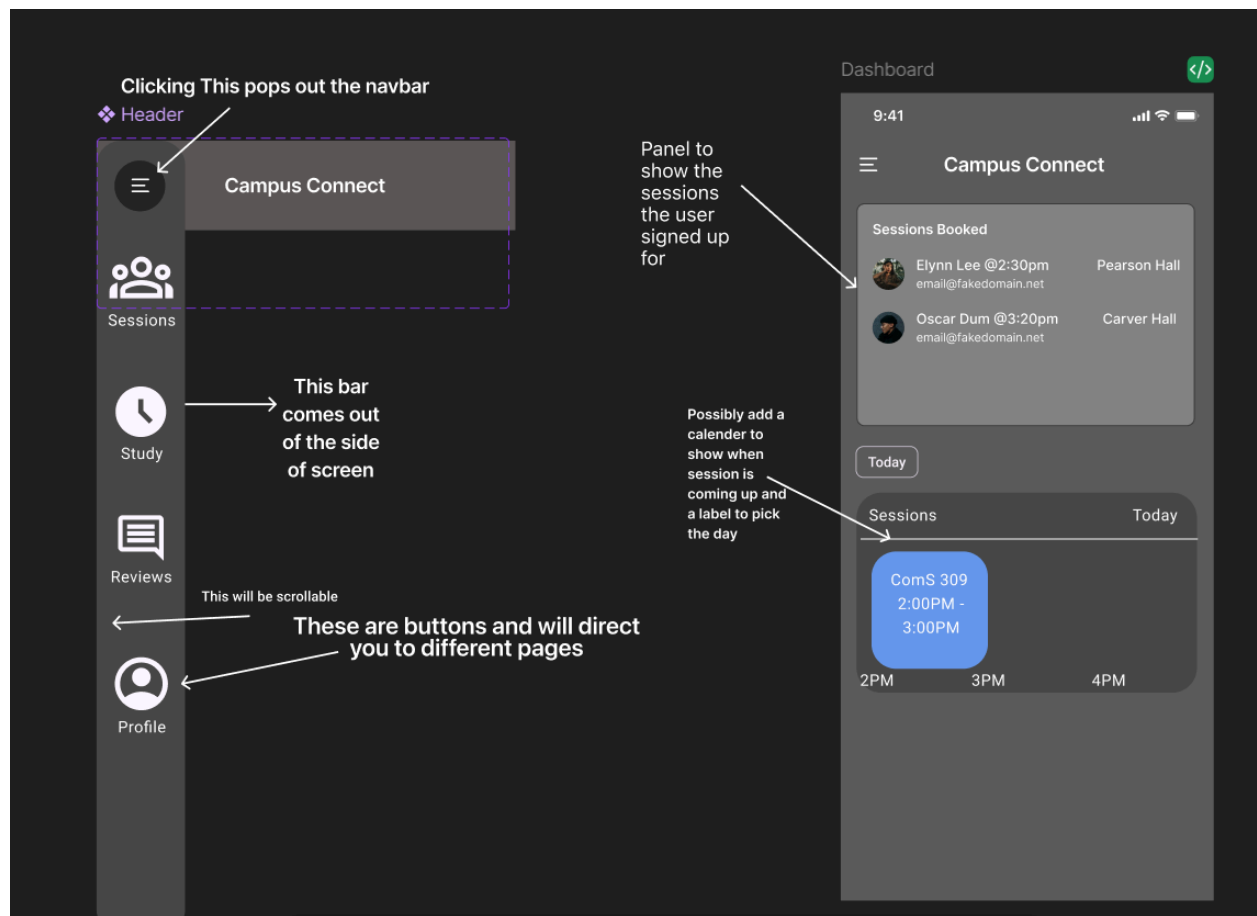
(Created by William Rossow in Excalidraw)

Figure 1: Main Menu (William Rossow)

This screen allows the user to view their booked study sessions and easily navigate to other sections of the Campus Connect app. The layout is designed for intuitive access to both upcoming sessions and different app features, using a collapsible sidebar and a clean dashboard panel.

The collapsible sidebar appears when the user clicks the menu icon in the header, allowing for more screen space when not in use. The sidebar contains scrollable navigation buttons for the main pages Sessions, Study, Reviews, and Profile which directs the user to different sections of the app.

On the right side, the dashboard displays a list of sessions the user has signed up for, showing details such as time, location, and contact information. Below that, a daily schedule view helps the user see upcoming sessions at a glance. A future enhancement may include a calendar component for selecting specific days and viewing upcoming events.
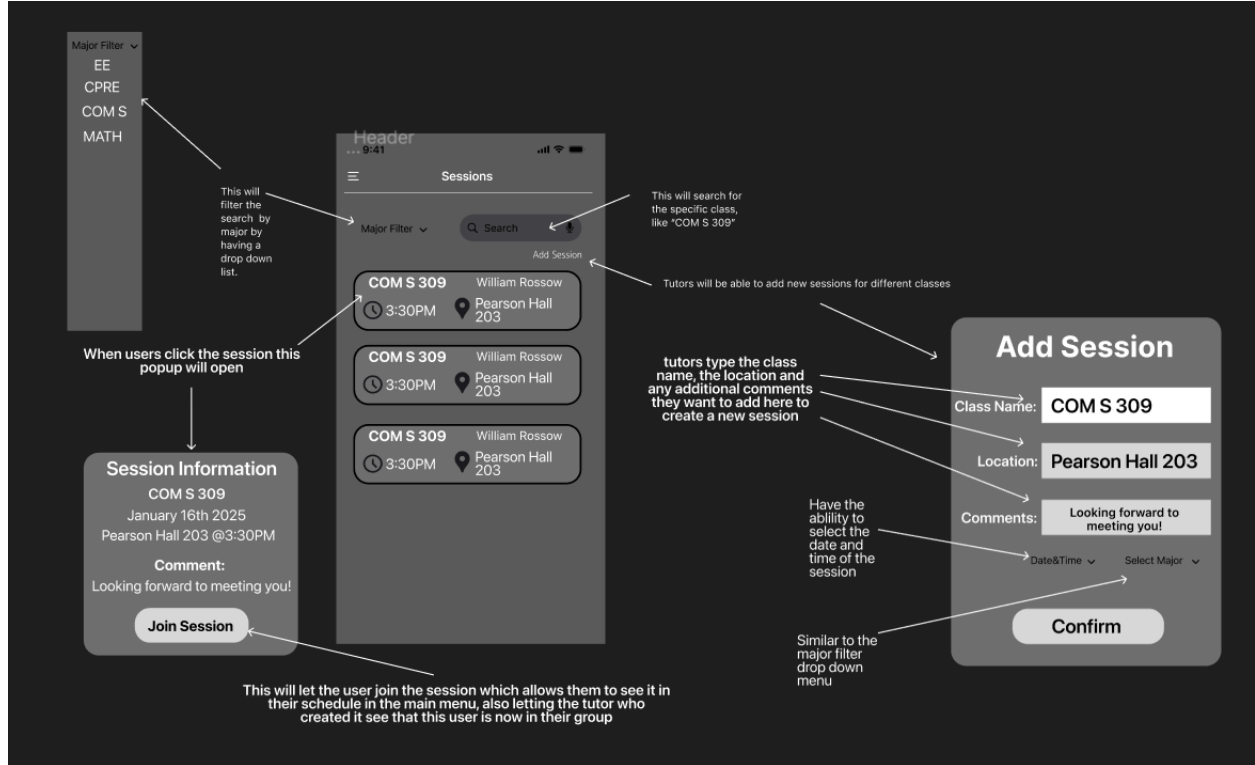
Figure 2: Sessions Page (William Rossow)

This screen allows users to browse, search, and join available tutoring sessions, as well as giving tutors the ability to create new ones. It provides intuitive navigation for both students seeking sessions and tutors organizing them. The layout encourages users to work from the top of the page downward, beginning with filtering and searching, then viewing sessions, and finally adding or joining sessions.

This screen lets users filter sessions by major using a dropdown menu, search for a specific class such as *"COM S 309"*, and view available sessions that include class name, tutor name, time, and location. When users click on a session, a popup appears with detailed session information and an option to join. Tutors can add new sessions by entering class details, location, comments, and selecting the date, time, and major. Finally, the Confirm button allows tutors to finalize and post their session for others to see.
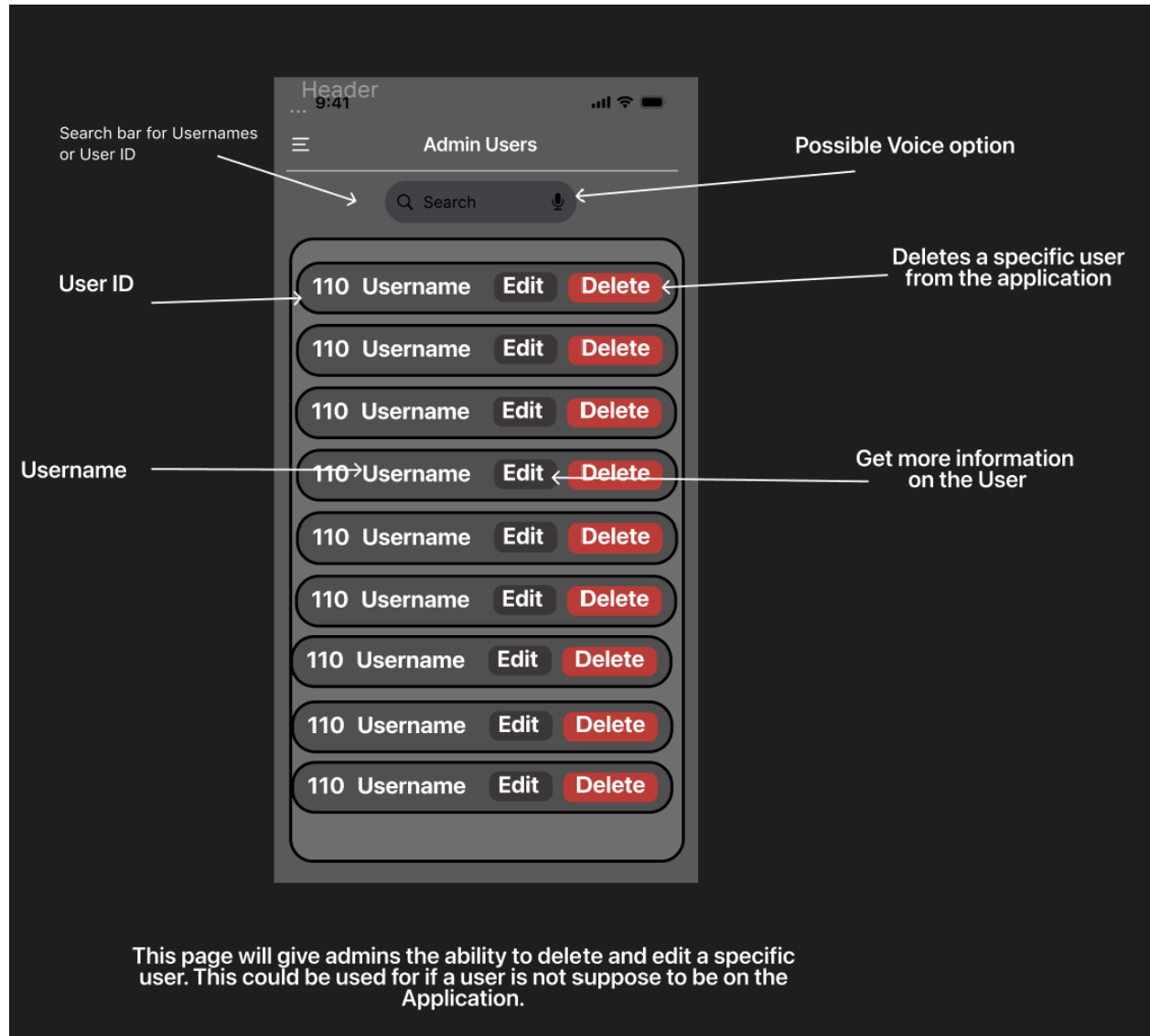
Carson - Admin Users

Figure 3: Admin Users Page (Carson Torrey)

This screen allows admins to have permissions that normal users or tutors do not have. Each admin will have access to editing users information and or deleting their account if need to be. The layout of the page allows admins to easily access each user. Either by scrolling down the list or by searching by their Username or User ID.
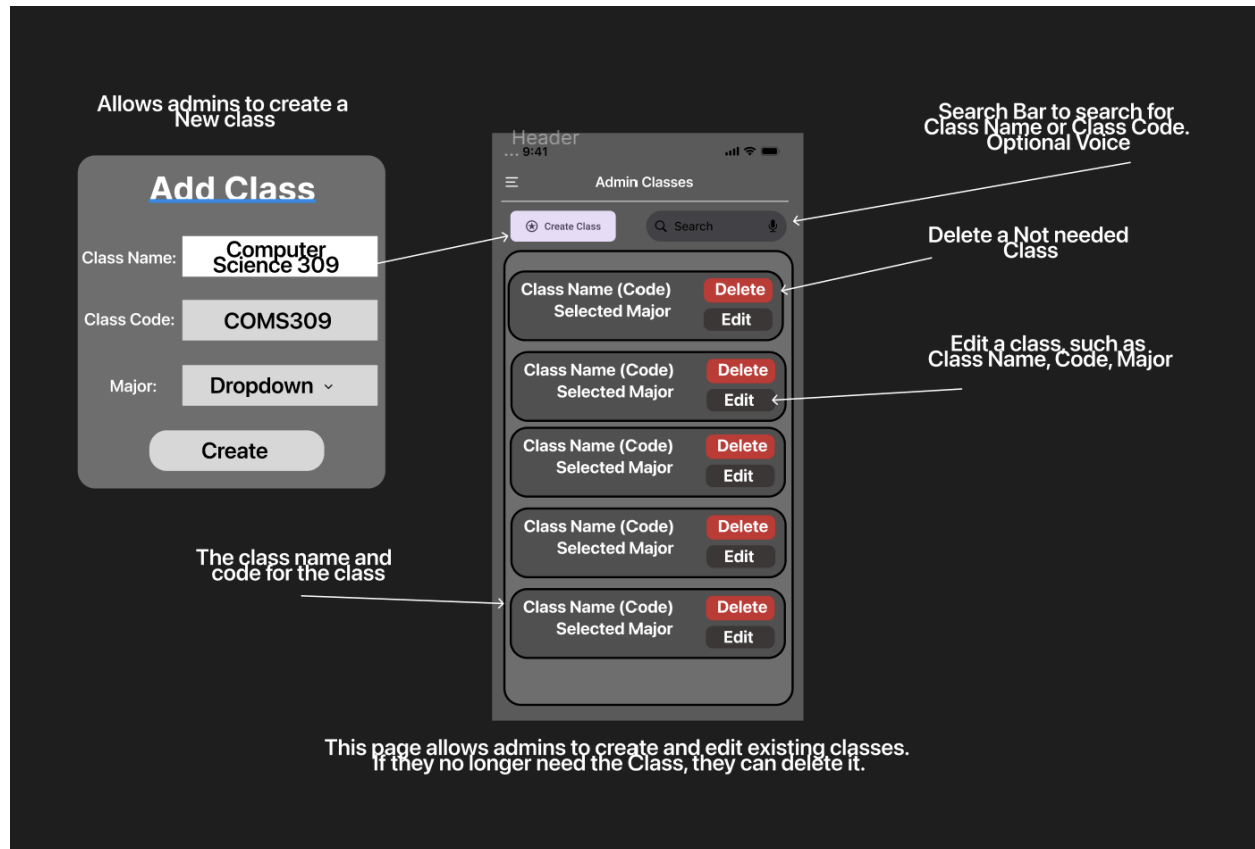
Carson - Admin Classes

Figure 4: Admin Users Page (Carson Torrey)

This page is specifically for admins and not users nor tutors. If someone decides to launch the app themself, they will be able to create certain classes that their university support. A example of this is having majors such as Computer Science and Mechanic Engineering. Under computer Science, they would have COMS 227, 228, 309 and so on. And same thing for Mechanical Enigneer. This makes it so the classes are specifically connected to a major for later use under Sessions. Admins will be able to do basic functions such as Delete and Edit a existing class.

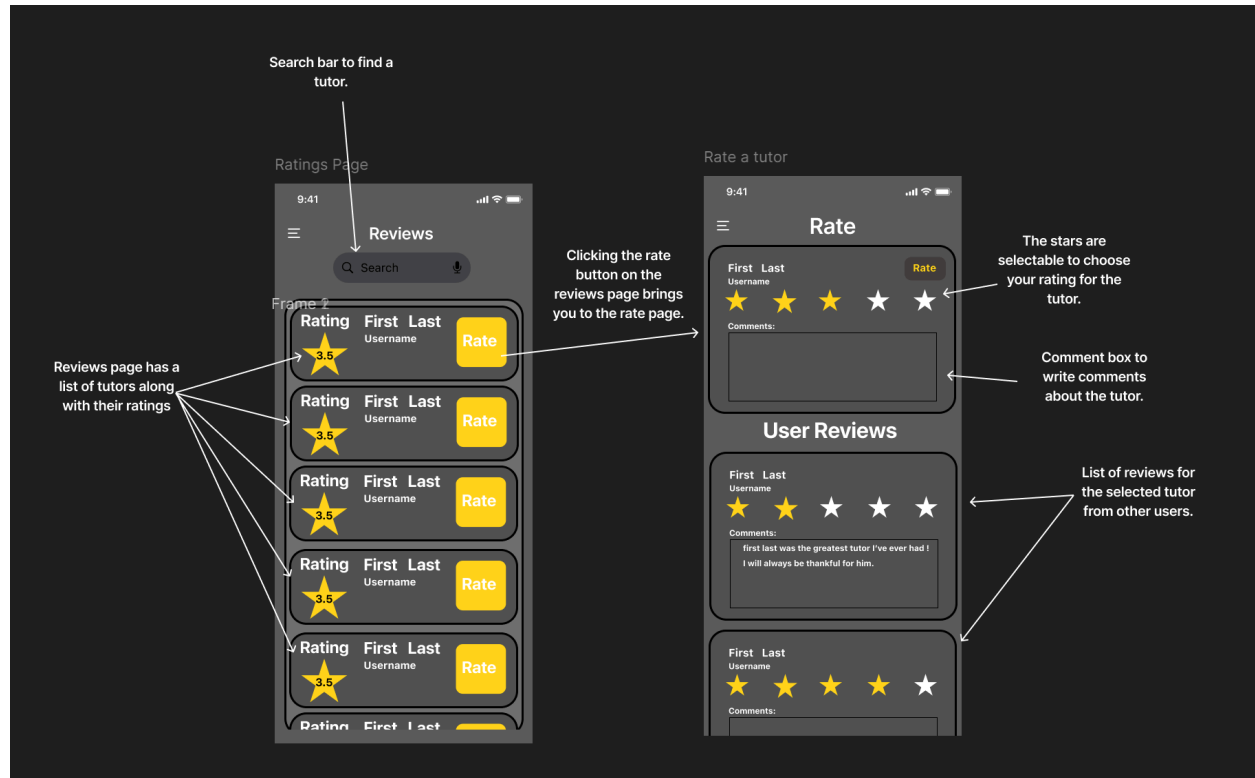Preet - List of Tutors and Tutor Ratings

Figure 5: Reviews Page and Rate Tutor Page (Preet Patel)

The ratings page is viewable for users, admins, and tutors. This page will show a list of all the tutors and their ratings. There is a search bar that will provide for easy navigation through all of the tutors. When you click rate, you are brought to a brand new page that shows the reviews for the selected tutor and a section for you to rate the tutor yourself. The starts are selectable to indicate how much stars you want to give them. 1 for the worst rating and 5 for the best rating. You can also add comments in the box that will show up along with your score. To submit your review, you must click the rate button and then it will be added to the rest of the reviews.
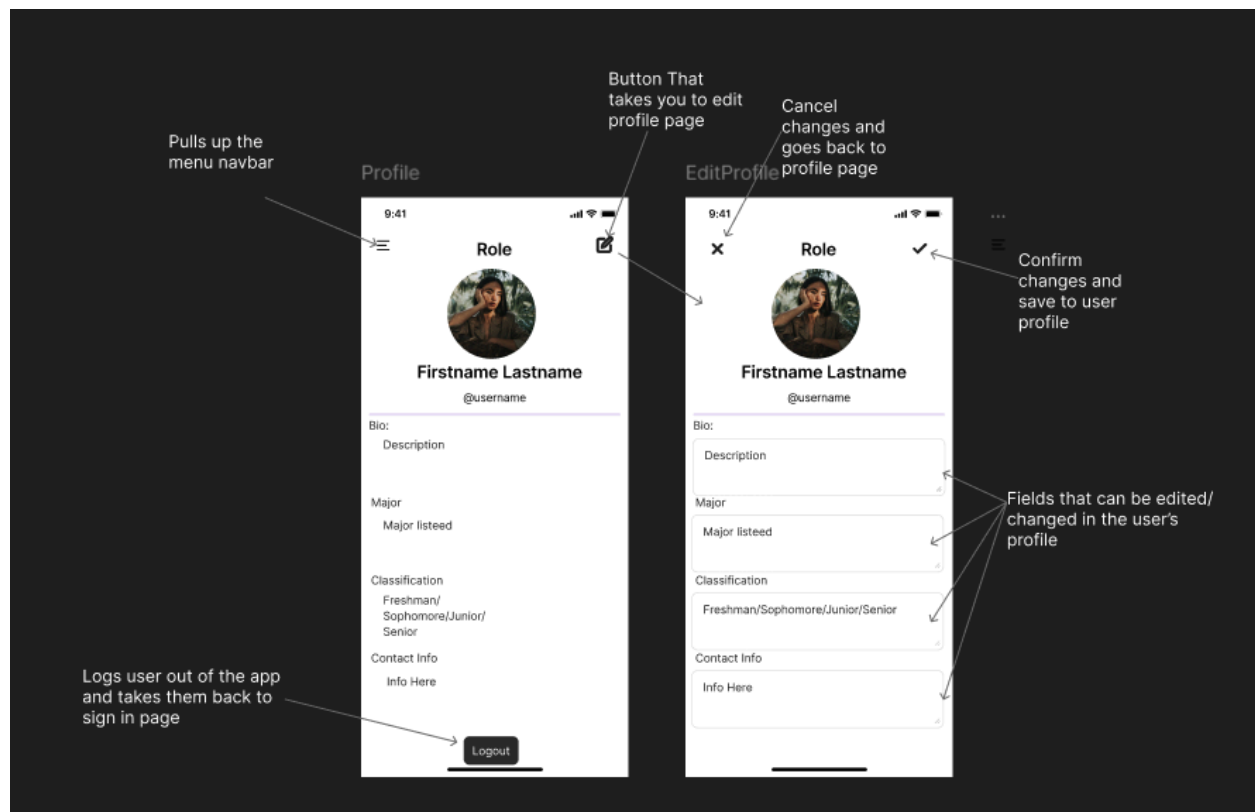
Camden - Profile Page and Edit Profile Page

Figure 6: Profile Page and Edit Profile Page(Users and Tutors) (Camden Klicker)

The profile page allows all users, tutors, and admins to view their own profile which has all of the needed information for other users to see. Users will be able to see their own profile from the menu navbar. The profile contains their role at the top of the screen, first name, last name, username, description of what classes they are taking, major, classification, and contact info. Users can also log out from the profile page to get back to the main sign in page. In addition to this, tutors will also have a field to set their price/hourly rate and have a reviews section to see how they are rated by former students.

The edit profile page allows any user/tutor to edit the information listed on their profile page. They can change their profile picture, bio, classification, contact info, or major if desired. After entering in the fields, they can click the check in the top right to confirm the changes they wish to make or the x to cancel changes and revert their profile back to how it was before they started to make changes.