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Application Concept

The project we will be implementing is Slackr, an online social networking platform built for students who wish to find others with similar study habits.

Functionality

- Lets user enter profile information
- Allow user to their social media account to log in
- Determine students habits through the completion of a quiz
- Matches student based their student habits
- Create a study group
- If both students agree to study with each other, send them their personal information through an alarm notification

Architecture

- User Profile Page
- Survey Page for defining preferences (Quiz page)
- Login Screen
- Screen for Matching Users
- Encrypted Chat Page (maybe)
- Registration

System Components

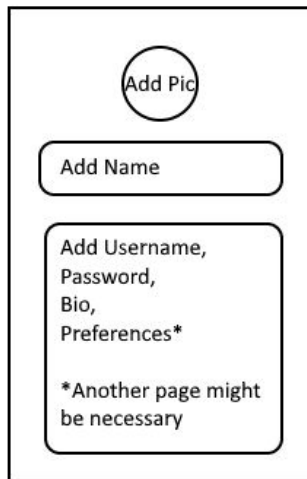
- Firebase
- Networking
- Alarms
- Bitmap

Responsibilities

- **Sam: User Profile and Login Page**
- **Sonny: Registration Page and Encrypted Chat**
- **Elsa: Quiz Page and Matching users**

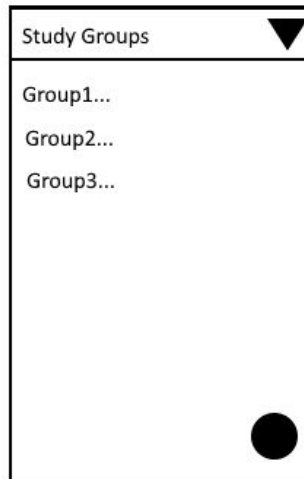
Navigation: the user will first register. When registering he will create a profile, then he will take a quiz that will allow the app to find his study style and based on that he will be matched with a group.

Storyboard



A vertical screen for profile creation. At the top is a circular placeholder labeled "Add Pic". Below it is a rounded rectangular button labeled "Add Name". Further down is a larger rounded rectangular box containing the text "Add Username, Password, Bio, Preferences*" and a note below it: "*Another page might be necessary".

Profile creation upon starting Slackr for first time. User can add bio, pic, and preferences

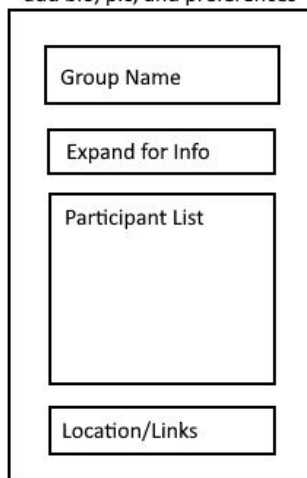


A screen titled "Study Groups" with a dropdown arrow on the right. The main area lists "Group1...", "Group2...", and "Group3...". At the bottom right is a solid black circle.

Button for filters

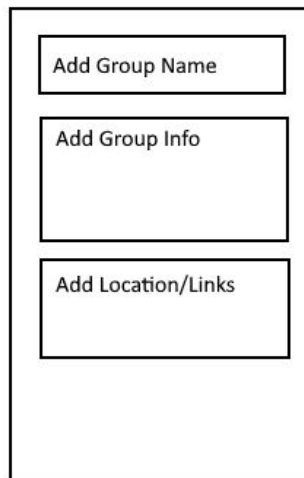
Button to add study group

Class/topic study navigation with filters for study habits



A screen for study group information. It features four stacked rectangular boxes: "Group Name", "Expand for Info", "Participant List" (which is taller than the others), and "Location/Links".

Study group info page that displays logistics such as location/any links/participants. Users can also join the group through this page



A screen for adding a new study group. It contains three stacked rectangular boxes: "Add Group Name", "Add Group Info", and "Add Location/Links".

Add group page. Allows users to add name, info, location and links