App Name: PEER/WISE Tutoring

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Target audience: Clemson students in STEM majors who would like to take advantage of PEER/WISE tutoring.

Target device: Phone

Abstract: This app will help the Students to see a list of tutors with their schedules and information. Tutors will be able to check-in through the app so that students can see which tutors are currently in the study room. There will also be a tutoring chat where students can ask questions directly to the tutors via the app. Questions can be asked and answered through text, video clips, or audio clips that can be sent in the chat. Chats can be created by users for different discussion topics.

Benefits: Students will use the app to plan which tutor they need to see and when. They will also use it to ask tutors quick questions without going to meet the tutor in the study room.

Technical Features:
- This app will use push notifications to notify a student of new messages in the app.
- It will also use the camera and microphone so that students and tutors can record themselves.
- SendBird API for chat features (https://sendbird.com/)
- The app will use camera to capture images and record videos.

Functionality:
1. Login/registration – clients will use their Clemson.edu account to register and login to the app. They need to create an account by entering their CUID, name, username, password and email address. After registering, the clients need to login.
2. View list of all tutors/what they tutor/when – The clients can view the list of all the available tutors through the Calendar available. The Calendar will describe the meeting times, dates and the subjects offered by every tutor. Also, the Client can check the meeting details by clicking on the meeting name and join the meeting.
3. View list of all tutors currently checked in to the study hall – The clients can view a list of available tutors who are current available. The Client can check the details (like subject, availability dates and hours) of the tutor by clicking on his/her name.
4. Check-in – The Clients can check-in into the study room and enter the subject and timings they are available for.
5. Create a new meeting – The clients can create meetings by entering the details of the meeting they intend to hold. All the meetings will be visible in the Calendar and the interested Clients can join any meeting they want to.
**Story Board**: The Link to our App prototype is: [https://pr.to/GAM151/](https://pr.to/GAM151/)

This link will allow the grader to go through the detailed app design and functionalities.

OR

Please download Proto.io app on you iOS or Android phone to see the prototype. (The grader can use my login details. Username - [sameenabhatia@yahoo.com](mailto:sameenabhatia@yahoo.com) and password - Sameena@123)
**Database Schemas:** The following is the schema for our internal and external database.

- One user (users) can host multiple meetings (available_meetings).
- One user (users) can attend multiple meetings (meeting_members).
- One meeting (available_meetings) can have multiple users (users).

**Distribution of work:**
- User Manual – Sameena
- Technical Reference Manual – Nicole
- Demo Videos – Sameena and Nicole
- Databases – Sameena and Nicole
- PHP scripts for the Authoring Tool – Sameena
- PHP scripts for the app accessing the external database – Nicole
- App coding – Nicole and Sameena