

MENTOR MEETING#2

05 DECEMBER 2023 / 1:30 PM / ZOOM

ATTENDEES

Trevor Douglas, Kawthar, Charles, Kristina

AGENDA

Last Meeting Follow-up

1. Add Trevor as a collaborator to our project GitHub (DONE)

New Business

- **Project idea re-iteration**
 - SecureShe is a mobile app that offers women (and others) the quickest and easiest means to reach the nearest help when they are in danger or require support.
- **Demo**
 - What have we changed?
 - Why are we a little behind?
 - What is our plan for the break(before next semester)?
 - Finish the map with all its functions.
 - Connect the app to a suitable database.
 - Testing (User testing and other types of necessary testing)
 - Database?
 - Google Firestore/Firebase provides real-time data synchronization, simplifies development and scales automatically, and integrates with authentication features. It allows for the definition of security rules to control data access. However, it can become expensive as the app scales and may require vendor lock-in. Plus, since it's

owned by Google, there are some concerns about does Google do with the stored data.

- SQLite is a local database that runs on the device, offering advantages such as offline access, privacy, and no connectivity dependence. It also has no ongoing costs, making it cost-effective. However, it lacks real-time synchronization, requires user authentication, and requires manual database management.

Trevor - I have used google firebase and firestore before. It's very easy to use and deploy with your app. If you are concerned about privacy you can pull out the privacy terms/notes from the firebase/firestore website and make the user aware of that.

ACTION ITEMS

1. None!

NEXT Meeting's AGENDA (if any):

1. Make a decision on what database to use?
 - a. Let Trevor know