



Reflect Hub

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Overview

- App Purpose: supporting users in their mental health journeys
- Target Audience: anyone with a mental health issue (anxiety, depression, PTSD, etc.)

ReflectHub

Hello! Welcome to ReflectHub, a web app for mental health and journaling! ReflectHub aims to help document your current state of mental health as well as provide support and knowledge that will hopefully help your overall well-being!

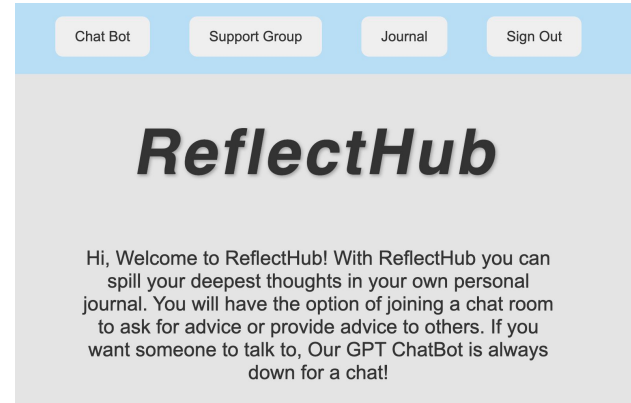
Login

Basic Features

- Displaying dynamic data:
 - ex) after logging in successfully, you are redirected to a new page with access to a chat bot and other features
- Uploads data from the client to the back-end:
 - ex) when you create a new account, the account is created in our Firebase database
- Meaningfully searches through server-side data:
 - ex) once logged in, you can create multiple journal entries and search through them
- Security: login with an email and password

Distinct Features

- Chat bot
- Support group
- Journal Entries



Challenges

- **Firebase:** limit to the number of requests sent
- **Langchain:** maximum amount of tokens allowed for training the data
- **Routing:** Integrating backend code and frontend code
- **Code Organization**

Future Improvements

- Creating a more security model
- Utilizing a compression model for the training data
- Develop a threat model



Thank you