

CAPSTONE PROJECT

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Safe Mind

1. PROJECT DESCRIPTION

This project aims to create a mental health tracking app , where the user can journal about their thoughts, moods , struggles , and emotions.

The purpose of this APP/Website is to encourage people to let out their emotions , a lot of people suffer from metal health issues/personalities disorders , (like depression , anxiety, bpd , bipolar ..etc) and most people put on a smile in public while suffering in silence this app encourages people to open up about their emotions even if it's between the person and their phone, this app is free.

2. User Stories

- As a Guest I should be able to access the main page of the App/Website
- As a Guest I should be able to sign up to the App/Website and create an account
- As a User I should be able to Sign in to my App/Website Account
- As a User I can Access my profile page , About page , and the main page
- As a User I should receive a daily reminder in my main page
- As a User I should be able to create a Journal entry that I can journal in
- As a User I can see my previous Journal entries in my main page
- As a User I should be able to delete and update and of my journal entries
- As a User I should be able to Logout of my Account
- As a User I should be able to delete my account from my profile
- As the Admin I can delete,update, and create accounts
- As an Admin I have all the features of the User Account
- As an Admin I monitor and manage content if necessary (optional feature for moderation or safety).

3. Resources

- Emojis: <https://emojipedia.org/ledger>
- Colors:<https://colors.artyclick.com/color-shades-finder/?color=#000000>
- Colors:<https://openreplay.com/tools/rgba-to-hex/>
- HTML , CSS & JS: <https://www.w3schools.com/>
- Django:<https://docs.djangoproject.com/en/5.2/>

- Fonts: <https://fonts.google.com/>
- HTML , Django , CSS, JS: <https://www.google.com/>
- CatCollector (GA): <https://github.com/MohammadJouza/GA-MoDDE-Cohort-2/tree/main/LC-Week-04/LC-W04D04/django-crud-app-cat-collector>

4. Future Work:

- Profile : edit profile button (Update Profile)
Include a profile model (User:1-1:Profile) where , user can upload their profile pic into.
- Including a contact us model where the user can contact us via a message request and they would get a notification in the nav bar (notification section)
User: 1-many requests
- Add a Search bar to search for journals faster
- More animation with js
- Including an AI powered chat bot
- Future future : include psychologists and chat with them via text and maybe via video call for free.

5. Challenges :

- Sign up page form wouldn't take margin-bottom (too stuck on the bottom of the screen) , cliché but sometimes we all struggle with centring a div
- Styling Django's sign up messages and error messages
- Styling Django's login error messages
- Moods to select multiple without JS.
- Including a js function that renders 4 pics in the About. HTML template /page -
> took a lot of time I just forgot to put the script in the header.
- Redundant CSS tags in some big CSS files and overriding problem , fixed it by going through the code and reorganizing the classes.

6. Installation guide:

A. pipenv install django

B. pipenv shell

C. pipenv install psycopg2-binary -> install the PostgreSQL database adapter for Python

D. pip install pillow -> for media like photos and videos

E. python3 manage.py runserver

note: if you add a new module you have to :

- 1. python3 manage.py makemigrations**
- 2. python3 manage.py migrate**

7. **ERD** For Mental-Heath-Tracker-App/Website (Safe Mind)

Mental-Health-Tracker
(ERD)

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