



ChillMate

Team 01

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01 ChillMate



What is Chillmate?

ChillMate is a digital support tool designed for **SFSU** students and faculty to tackle school-related stress such as academic burnout, procrastination, and career anxiety.

Core Feature: A chatbot providing personalized guidance and directing users to university-specific resources like counseling, workshops, and academic support.

Focus: Targeted SFSU students and faculties and made it more relevant than generic mental health apps.

Impact: Enhances campus mental well-being, fostering a healthier academic community.





02

Features

Features

Login/Logout

Users are able to log in or log out after they register.

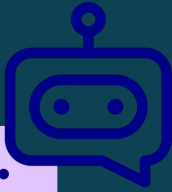
Profile Page

Users are able to access their profile page once logged in.
Can modify their information as needed.



Chatbot

Users are able to access the chatbot once logged in. Users can ask the bot to fetch campus specific information based on their input query. Users can ask the bot to create sub tasks for the goal they are trying to achieve.



Features Cont.



Forum

Users are able to post the Forum/Post that will be shared with other Users. Users can like the Forum/Post.

Journal

Users are able to create a Journal Entry by clicking a plus button. Users can personalize their journal with color of choice.



Mood Tracker

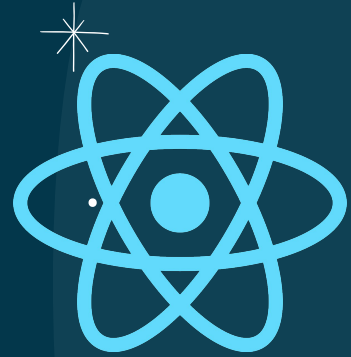
User Mood will be derived based on the context in the journal page. Users will be able to view the tracked mood in the Profile section.



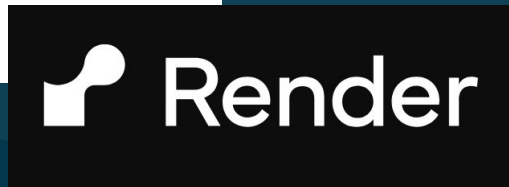
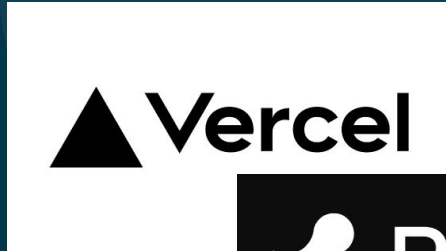
03

Architecture

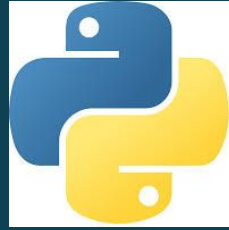
Front-end



Hosting



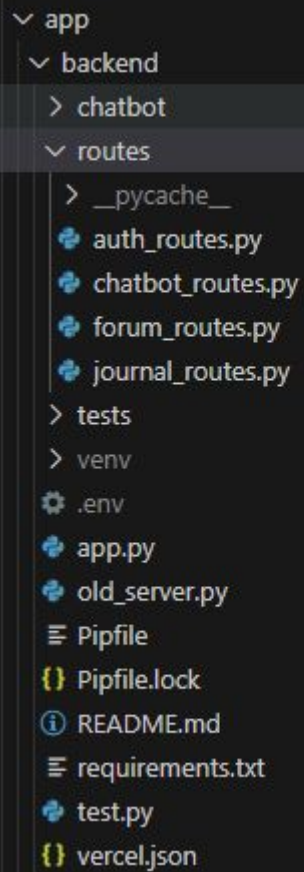
Back-end



Additional tool



Blueprints



```

└─ app
   └─ backend
      └─ chatbot
         └─ routes
            ├── __pycache__
            ├── auth_routes.py
            ├── chatbot_routes.py
            ├── forum_routes.py
            └── journal_routes.py
      └─ tests
      └─ venv
      ├── .env
      ├── app.py
      ├── old_server.py
      ├── Pipfile
      ├── Pipfile.lock
      ├── README.md
      ├── requirements.txt
      ├── test.py
      └── vercel.json

```

The image shows a file explorer interface with a dark theme. The 'routes' directory is expanded, showing its contents. The file explorer is positioned on the right side of the slide, overlapping a dark blue background with decorative leaf patterns on the left and right edges.

Unit tests

tests

- conftest.py
- test_chatbot_find_sim_docs.py
- test_chatbot_generate_goal_tasks...
- test_chatbot_generic_chat.py
- test_create_forum.py
- test_get_forum.py

Actions

New workflow

All workflows

Vercel React - Production

Node.js CI

Node.js CI

Run Frontend Unit Tests

Vercel - devwill-flask

Vercel React - Preview

Management

Caches

Deployments

Attestations

Runners

Usage metrics

Performance metrics

✓ login page different screen size applied fixed

Run Frontend Unit Tests #35: Commit [16d3e94](#) pushed by GioJung97

✓ profile, able to populate proper data

Run Frontend Unit Tests #34: Commit [f2aa2c0](#) pushed by willi301

✓ few chnges mde to profile pge

Run Frontend Unit Tests #33: Commit [be5c3dd](#) pushed by snehakatturu

✗ Merge branch 'frontend' of <https://github.com/csc648/chillm>

Run Frontend Unit Tests #32: Commit [b6481ac](#) pushed by snehakatturu

✓ unliking posts will be stored

Run Frontend Unit Tests #31: Commit [d084299](#) pushed by willi301

✓ Merge branch 'frontend' of <https://github.com/csc648/chillm>

Run Frontend Unit Tests #30: Commit [f082948](#) pushed by willi301

✓ Changed navbar layout

Run Frontend Unit Tests #29: Commit [fb33282](#) pushed by Mst1cLeaf

04

UX Flow



UX Flow

Home page

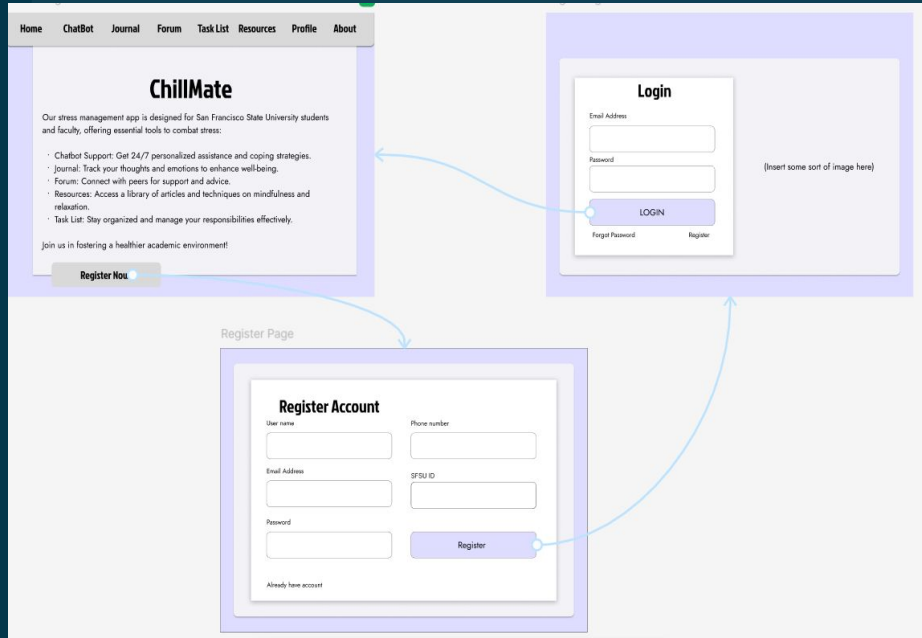
A user-friendly interface, highlighting features like chatbot support, journaling, forums, and task management, all aimed at empowering mental wellness for students and teachers.

Login Page

A simple Login feature for user to login to the website.

Register Page

A simple Register page for user to create a account and fill in their personal information.



UX Flow

About Page

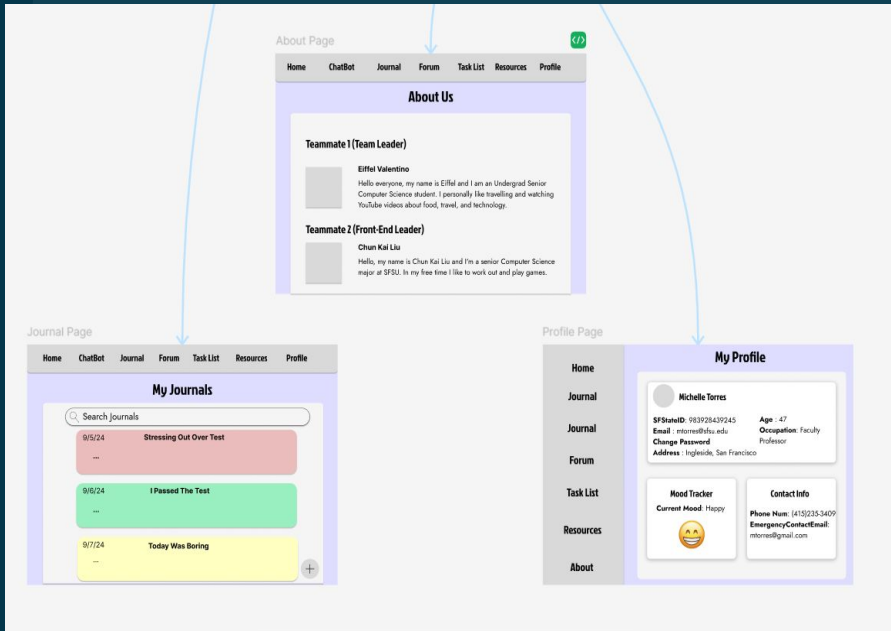
A page detailing the members involved in this project and the reasons behind the creation of this website.

Journal Page

A space for users to express their thoughts freely, serving as a personal digital diary to reflect, record emotions, and track their mental wellness journey.

Profile Page

This page will contain all of the user's personal information as well as emojis representing their mood.



UX Flow

Chatbot Page

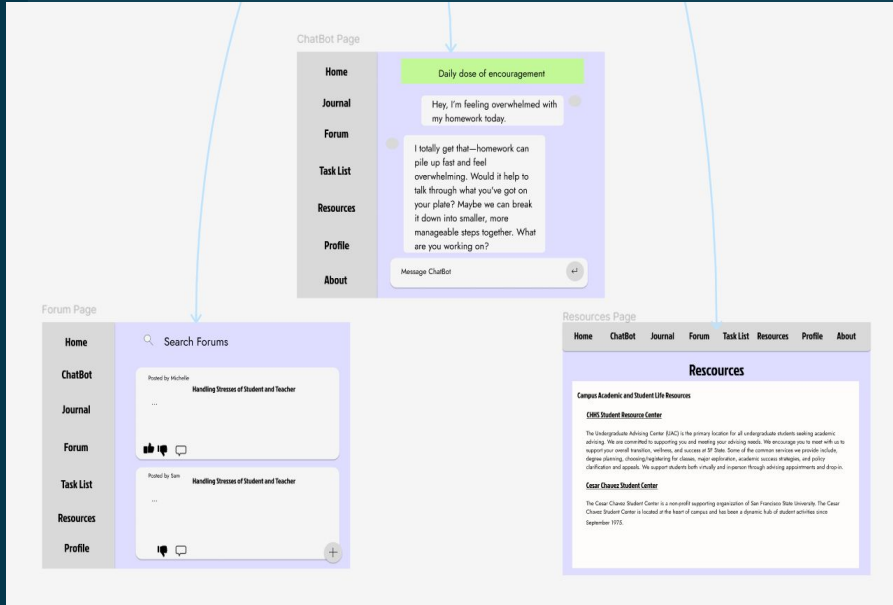
A chatbot that can find resources, manage task, and generally chat with you.

Forum Page

A page user can share their thoughts with other people. Also interact it with the like button.

Resources Page

Include all the mental health resources that user can find on campus. We organize them for user in this page.





05

Team Building



Task Management



The screenshot shows a Discord chat window for a server named 'SWE 648 Team 01'. The selected channel is '# scrum'. The chat history shows three messages from a user named 'Gio':

- October 9, 2024**
Oct 9th, 2024 (5:45 - 6:45)
 - Decided to not use AWS EC2 Instance (we don't need)
 - We need to focus on the Virtual Prototype
 - Frontends** need to deploy the webpages (please double check M2 Virtual Prototpye if you are iffy about what to do)
 - Jay** need to continue working on the DB
 - William** needs to work on the endpoints of the login functionality
 - Luis** can set up the branches of Github; talk with Jay for more details if you are iffy about it
- October 16, 2024**
Oct 16th, 2024 (3:00 - 6:00)
 - M2 Documentation
 - Functional Requirement has to be very specific
 - we can discuss further in the next meeting
 - We need to set the **priority** for the functional requirements that is going to be our unique features + will show what to primerily work on the virtual prototype (focusing on Priority 1)
- October 18, 2024**
Oct 18th, 2024 (2:45 - 3:05) Virtual Prototype Demo Presentation Feedback
 - We need to implement the db priority

Define Roles and Responsibilities: Clearly outlined each team member's tasks to avoid confusion and overlap.

Regular Meeting: Had weekly meeting to share the updates and what to do for the next goals.

Empower Team Members: Trusted individuals with responsibilities and encourage autonomy.

Strong Communication: Comminuted 24/7 through discord



Source Code Management



Prettier - Code formatter v11.0.0

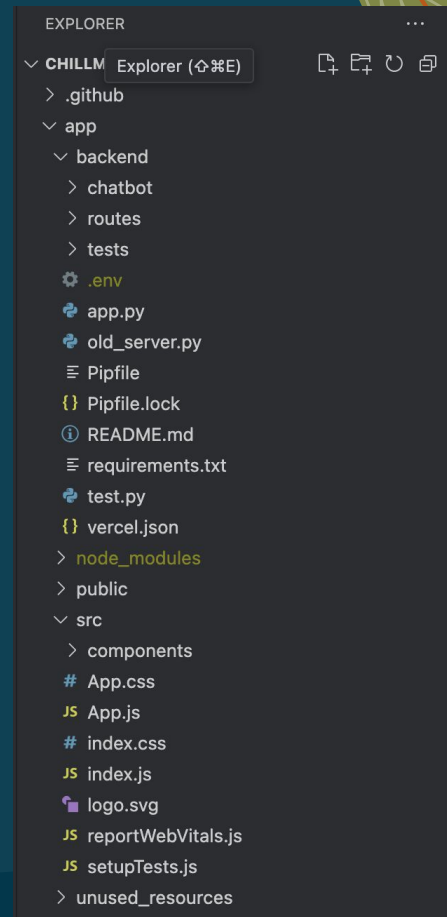
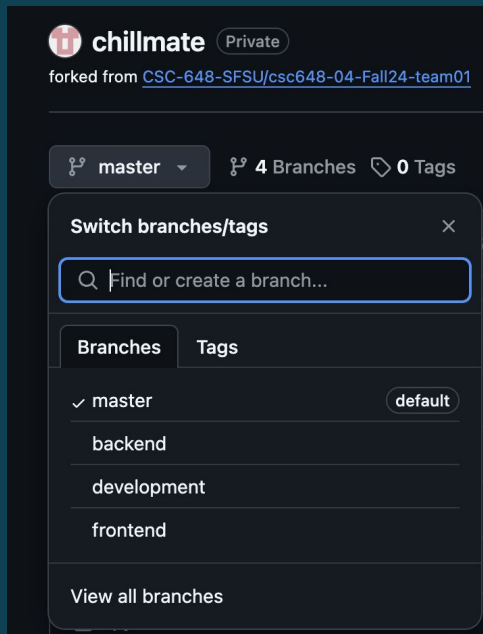
Prettier prettier.io | 51,982,620 | ★★★★★ (464)

Code formatter using prettier

Install



Auto Update



06 Demo

