



CPSC 2350 Project

Group #9

Moody

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Moody



- Mood tracker
- User add daily mood
- Daily quote, music or video based on the user mood
- User can choose one or all medias
- User can save favorite media and revisit them
- History with all moods from the past month



Agile - Kanban

- Most popular Software Development Life Cycle
- Accepts changing requirements to ongoing project
- Frequent delivery with shorter timescale
- Tasks are selected based on what the project requires
- Kanban method
 - Moving tasks along the board
 - To Do
 - In Progress
 - Testing
 - Completed



Rachelle

- 17 years old
- Student
- Vancouver

Has mild anxiety and wants to track those moods to understand when they happen so she can develop a system to avoid getting super anxious.



Marco

- 23 years old
- Human Resources
- Toronto

Marco has a really stressful job at a multinational and wants to find new methods to cope with the stress.



Nickolas

- 28 years old
- Product Designer
- New York

Wants to understand his mood so he can manage them and feel better faster. Like listening to a relaxing song or watching a guided meditation video.



Rebecca

- 35 years old
- Professor
- London

Likes to experiments with different tools and apps. Wishes to understand previous emotions and triggers because finds it difficult to specify emotions.



Technology Stack

- Express.js

A back-end web application framework for NodeJS that provides simple routing and middleware for requests made by clients and handling responses.

- Bootstrap

A HTML/CSS framework that supports major browsers and is easy to set up out-of-the-box. It has several jQuery plugins, and styling for many HTML elements from buttons to typography.

- Node.js

An open-source JavaScript-based framework that allow us to do all the programming and API logic in the same language as client-side logic and can handle requests and responses via Express for the pages.



Application Programming Interfaces (APIs)

Zenquotes - www.zenquotes.io

- API that returns motivational quote
- To be used for the ability to generate, display and save quotes with your mood.

YouTube - www.googleapis.com/youtube/v3/

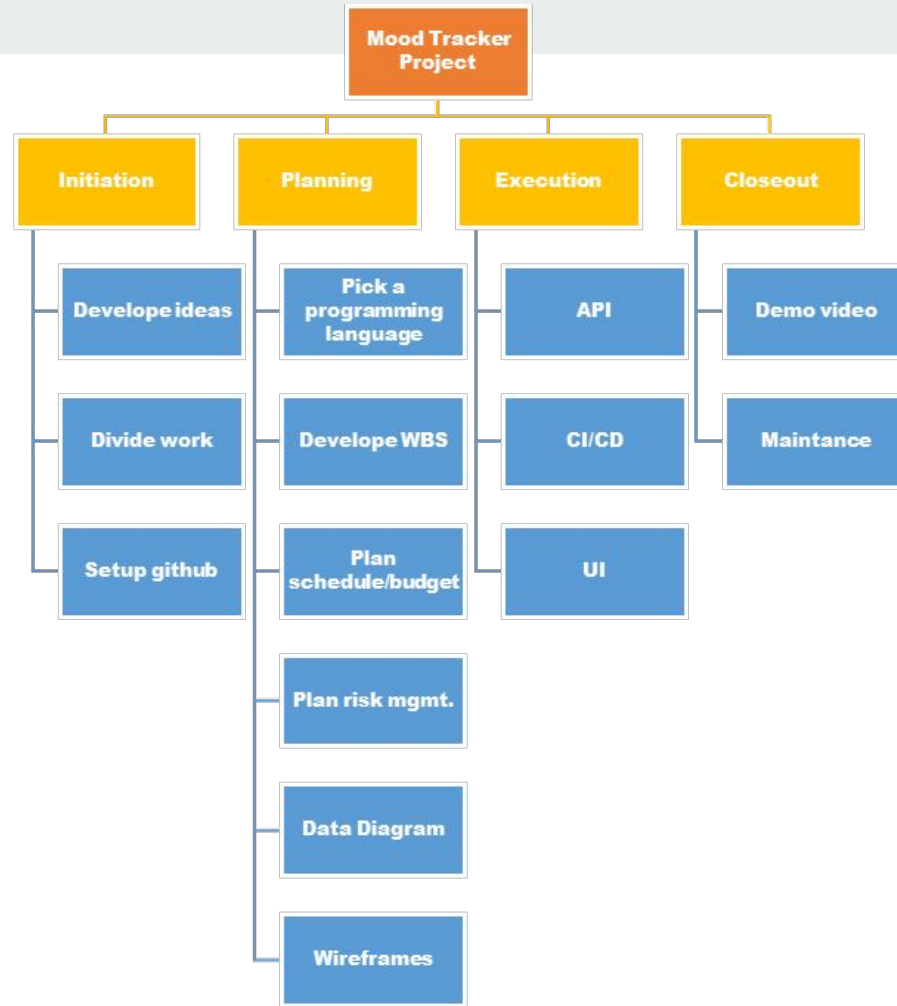
- Robust API to be used to return curated videos
- To be used for a mood correlated videos that can optionally be saved, view your history and generate new media if the received videos is disliked



Application Features

- Login
- Daily log of your mood with room for notes with trends
- Get a video that correlates with your mood
- Generate a motivational quote for the day with options to save, view history or get a new one
- Generate a video based on mood entry about the current mood
- Ability to save the videos you like, and view them in a list
- Get a new mood based video

Work Breakdown Structure (WBS)



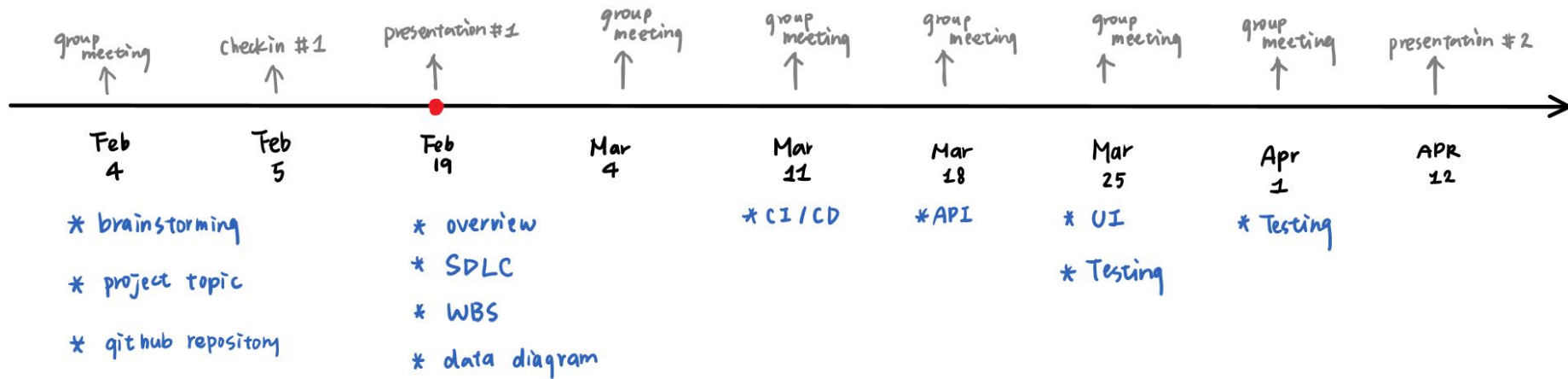


Schedule

Group discussion	Feb. 4, 5, 11, 18
Project Report and Presentation #1	Feb. 19
Group discussion	Mar. 4, 11, 18
Check-in #2	Mar. 19
Group discussion	Mar. 25, Apr. 1
Project Report and Presentation #2	Apr. 2

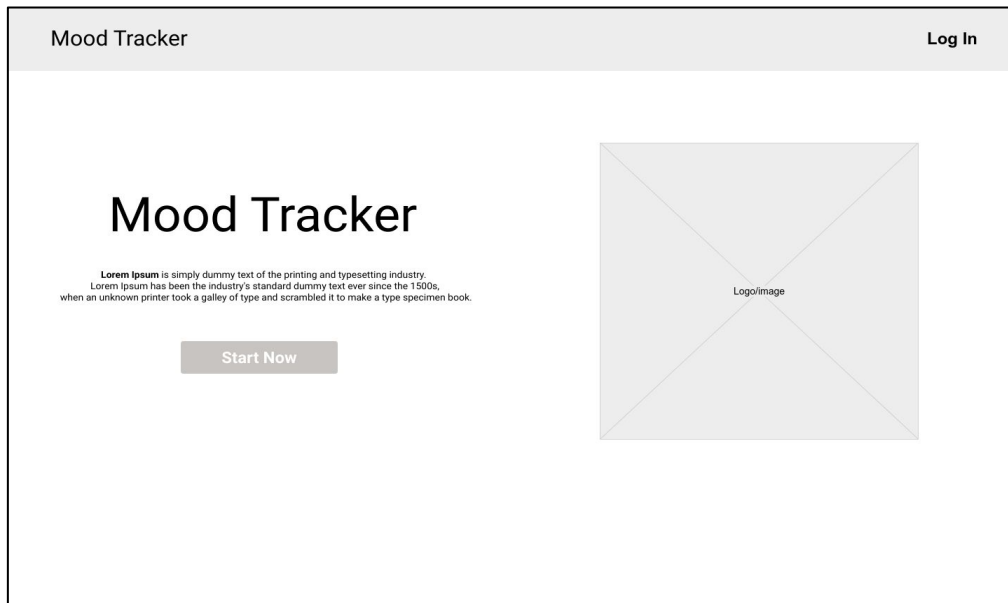


Timeline





Wireframes - Homepage





Wireframes - Login Page

Mood Tracker

Login

Email

Password

Login



Wireframes - Add Mood

Mood Tracker

Daily Mood

History

My Account

Mood Tracker

Add your daily mood here!

Date: today's date

Mood / dropdown menu

How are you feeling today?

Would you like a inspirational quote / video with your mood submission?

☐ Quote

☒ Video

Submit



Wireframes - Mood submitted

Mood Tracker

Daily Mood

History

My Account

Mood Tracker

Add your daily mood here!

Your mood was submitted!

Mood

Date: today's date

Description

Edit

Your inspirational quote/video:

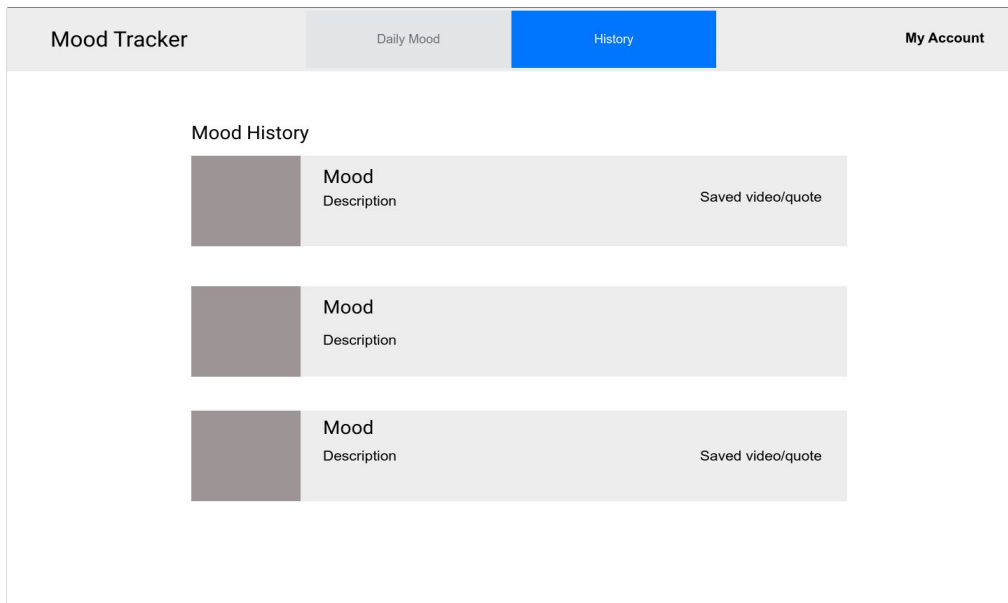
"Lorem ipsum"

Video

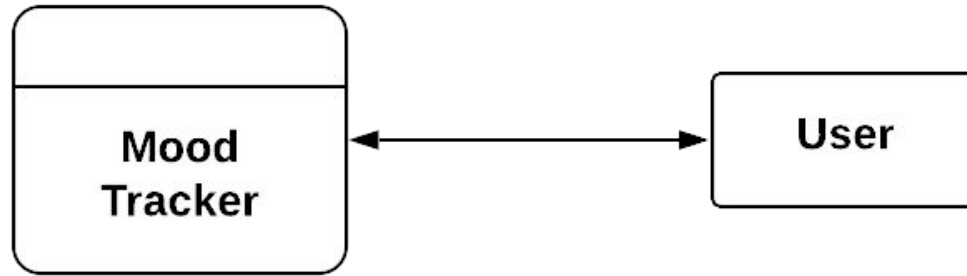
Save



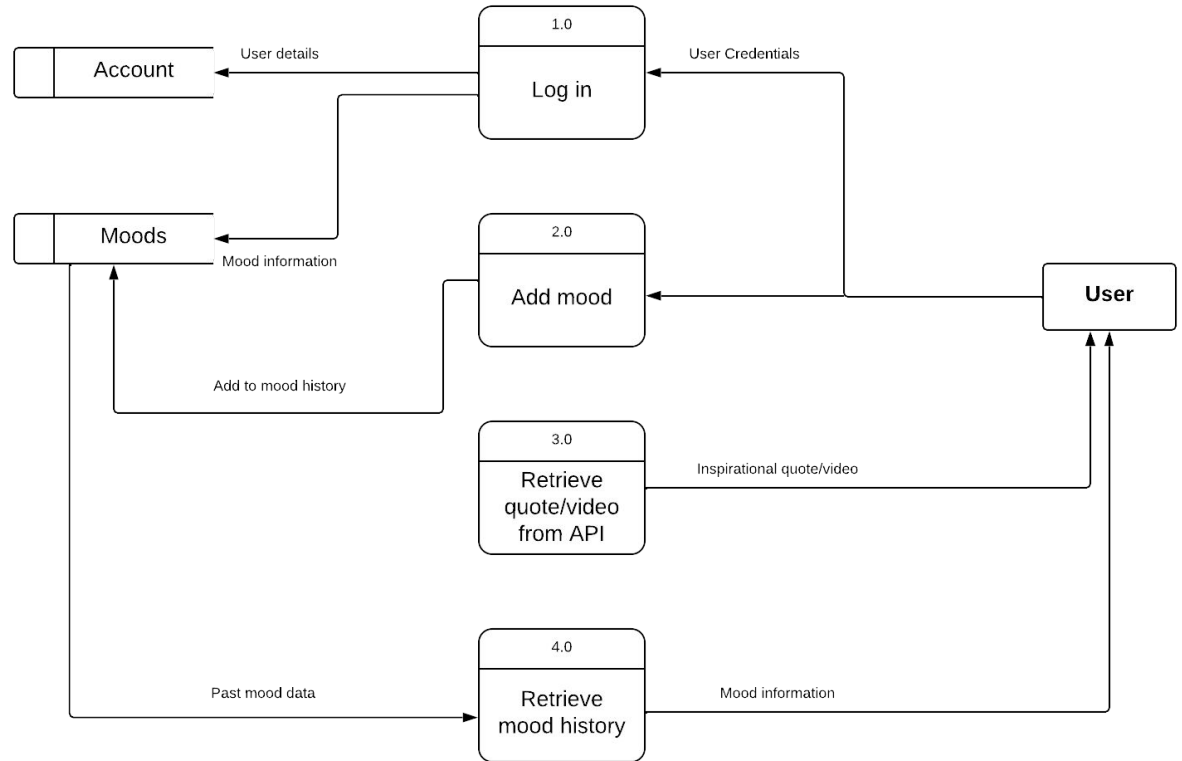
Wireframes - Mood History



Data Flow Diagram - Level 0



DFD - Level 1





Thank You!

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