

## **Sprint 2 Plan**

MoodLift - 4/24/24

Goal: The goal of this sprint is to set up the database for the project, add more to the existing UI, research the use of the Spotify API, and implement the OpenAI/ChatGPT functionality..

### **Team Roles:**

Karthi - Developer

Anusha - Developer

Kristina - Product Owner

Emely - Developer

Sriharsha - Scrum Master

Dylan - Developer

### **User Story 1: As a student, I need to be able to see my previous journal prompts using the Moodlift web application. [5 points]**

- Task 1: Set up Firebase (Realtime Database) (30 min)
- Task 2: Research Firebase/Configuration (4 hours)
- Task 3: User Login/Registration (3 hours)

Total for User Story 1: 7 hours 30 min

### **User Story 2: As a student, I want to track my mood daily by selecting from a range of emotions that I can reflect on my emotional well-being over time. [8 points]**

- Task 1: Mood Tracker UI (2 hours)

Total for User Story 2: 2 hours

### **User Story 3: As a student, I want to receive daily suggestions of songs based on my mood input. [13 points]**

- Task 1: Research Spotify API/implementation (3 hours)
- Task 2: Set up Spotify API (2 hours)

Total for User Story 2: 5 hours

### **User Story 4: As a user, I want access to unique journal prompts every day. [13 points]**

- Task 1: Journaling Frontend (set up multiple pages different pages, buttons) (1 hour)
- Task 2: “Beautifying” Journaling/Home page (1 hour)
- Task 3: Set up ChatGPT API (2 hours)
- Task 4: OpenAI API backend (2 hours)

Total for User Story 3: 5 hours

### Initial Task Assignment:

Anusha - User Story 2: Task 1

Kristina - User Story 4: Task 4, User Story 1: Task 5

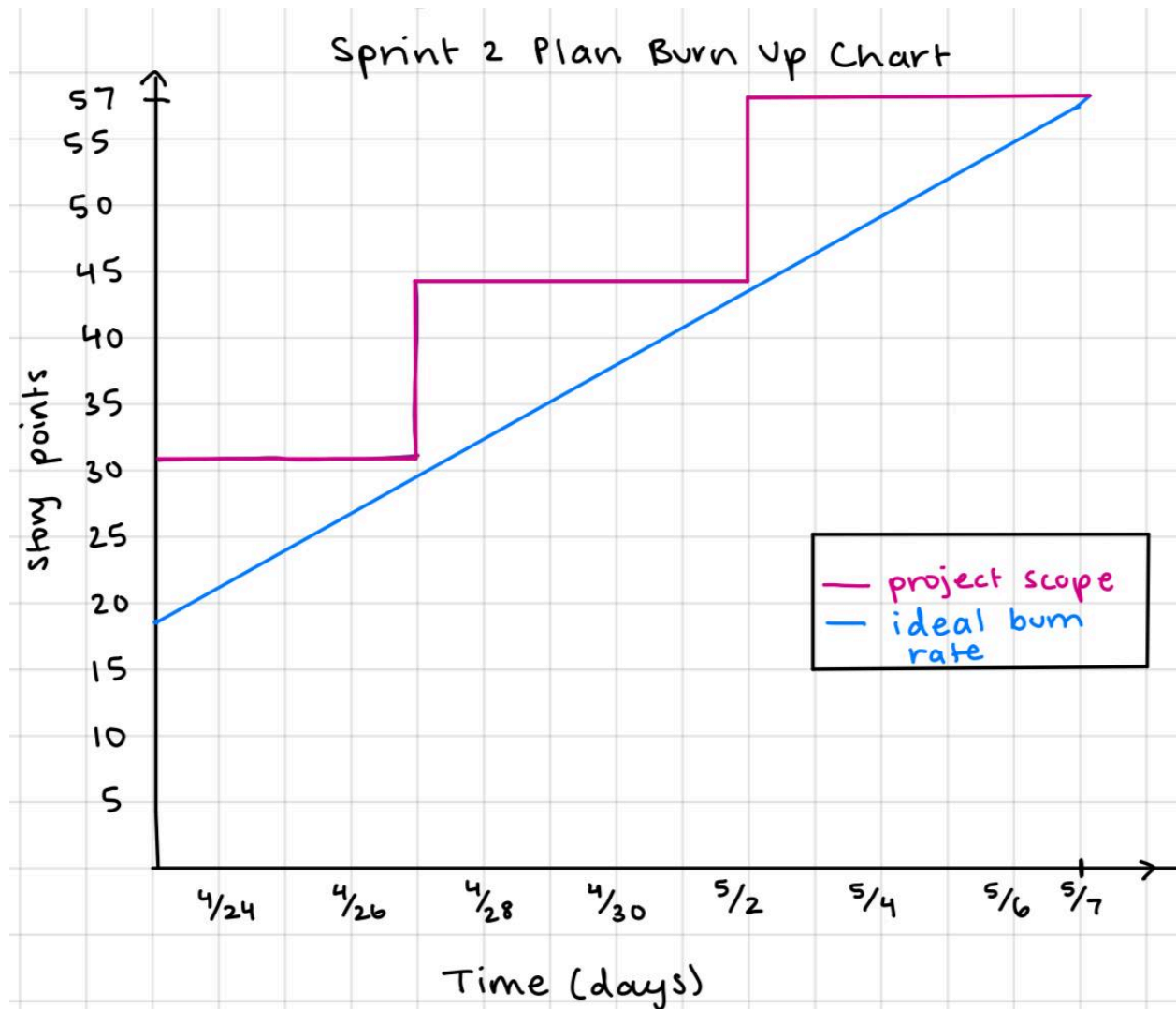
Karthi - User Story 3: Task 1

Emely - User Story 4: Task 1

Sriharsha - User Story 4: Task 3

Dylan - User Story 1: Task 1

### Initial Burnup Chart:



### Initial Scrum Board:

## MOOD Sprint 2

KS

AP

K

SM

DT

EP

Epic ▾

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TO DO 7

As a student, I want to receive the suggestion of the songs that suit my mood the best.  
SPRINT 2  
MOOD-19 13

As a student, I need to be able to see my previous journal prompts using the Moodlift web application.  
SPRINT 2  
MOOD-30 5

As a student, I want to receive daily suggestions of songs based on my mood input.  
SPRINT 2  
MOOD-31 13

Set up Spotify API  
SPRINT 2  
MOOD-35 AP

Mood Tracker UI  
SPRINT 2  
MOOD-36 AP

"Beautifying" Journaling/Home page  
SPRINT 2  
MOOD-38 K

Set up ChatGPT API  
SPRINT 2  
MOOD-39 SM

+ Create issue

IN PROGRESS 6

Set up Firebase (Realtime Database)  
SPRINT 2  
MOOD-23

Research Firebase/Configuration  
SPRINT 2  
MOOD-32 DT

User Login/Registration  
SPRINT 2  
MOOD-33 K

Research Spotify API/implementation  
SPRINT 2  
MOOD-34 KS

Journaling Frontend (set-up multiple pages different pages, buttons)  
SPRINT 2  
MOOD-37 EP

OpenAI API backend  
SPRINT 2  
MOOD-40 SM

DONE ✓

**Scrum Times:**

Monday 9-11 am

Tuesday 8-8:30 pm

Wednesday 8-8:30 pm

Thursday 12-1 pm

Friday 9-11 am