

## **Sprint 4 Plan**

### **Objective**

Have a fully functional product that is ready for release. Have a calendar that displays colors associated with the sentiment score of that day's entry. Have the application send "spark" alerts when a series of bad days is detected. Have a UI that's presentation ready. Have a fully functioning signup/login system. Finally, Have presentation materials ready.

### **Task Listing**

1. Display colors associated with the sentiment score of that day's entry. (story points=4)
  - a. Take color results from a function. Put color in calendar cells (Can change color function depending on what we want it to look like)
2. Have the application send "spark" alerts when a series of bad days is detected. (story points=4)
  - a. Look at previous n days. If avg score is below a threshold send spark (pop-up a positive message)
  - b. Pull spark from set of premade messages
  - c. Display message to user
3. Improve UI to where it's presentation ready. (story points=3)
  - a. Uniform color design
  - b. Add background to main branch
  - c. Add borders and color to text boxes
  - d. Clean up and center submit button and entryViewer
  - e. Markdown integration
  - f. Choose better colors for mood scores
  - g. Create gradient function for mood colors

- h. Make a legend that describes color meanings for moods
- 4. Have a fully functioning signup/login system. (story points=5)
  - a. Prioritize until February 28
- 5. Documentation / Unit testing / Clean up (story points=3)
  - a. Component documentation
  - b. README with guide to installation and running the app
  - c. Prioritize after March 2nd
  - d. Remove appspec.yml, etc...
- 6. Have presentation materials ready. (story points=2)
  - a. Write up final Presentation
  - b. Practice presentation (Wednesday and Friday before the week of presenting)
  - c. Populate database (An entire month of test entries with a variety of scores)

#### **Initial Team Roles**

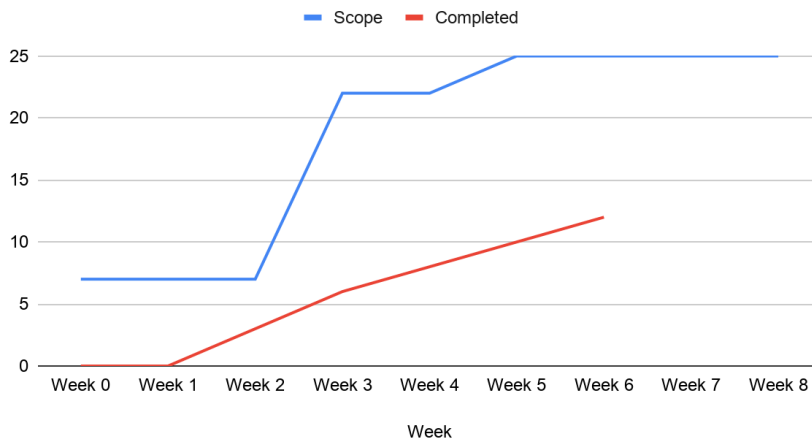
- Daniel - Project Owner, SCRUM master, Developer
- Miranda - Developer
- James - Developer
- Parker - Developer
- Dominik - Developer
- Jacob - Developer

#### **Initial Task Assignments**

- Everyone - Task 3, 5, 6
- Miranda - Task 4
- Jacob - Task 2
- Daniel - Task 1, 4
- Dominik - Task 4
- James - Task 2
- Parker - Task 1

#### **Initial Burn-Up Chart**

Burn-Up Chart



### **Initial Scrum Board**

Our scrum board is hosted on [Trello](#).

### **Scrum Times**

We will have 3 weekly standup Zoom meetings on Monday, Wednesday, and Friday at 9AM. Every Thursday at 3-4PM, we will meet our TA, James Byron, on Zoom to receive mentorship.

### **Scrum Backlog**

- Automate tests
- Front end unit testing
- More Typing Options
- View statistics based on week/month/year etc
- Choose a color design for journal entries
- Enable markdown for journal entries
- Be able to share mood scores with others
- Add more button visibility
- Build a test data set of journal entries