

Sprint 2 Plan

Product: Soccer Match Predictor

Team: Forecast FC

Release Name: MVP for Soccer Match Predictor

Release Date: 7/24/2024

Revision Number: 0

Revision Date: 7/8/2024

Goal:

- Polish UI to look on par with modern web design standards, Integrate team calendars for each Bundesliga club. (Clicking on any club should reveal their 34 match day schedule)
- Integrate matchday calendars for the entire 2024-2025 Bundesliga schedule.
- Obtain head-to-head record statistics for each fixture, create and upload CSV files on github for front-end use.
- Continue developing the prediction model, and benchmark different methods to find the best approach to fine-tune on sprint 3.

Task Listing:

- User Story 1: As a user, I want to be able to view the team calendar for my club of choice to see the hardest stretch of matches.
 - A. Task 1: Integrate team calendars for each Bundesliga club. (Clicking on any club should reveal their 34 matchday schedule) [4pts]
 - B. Task 2: Integrate matchday calendars for the entire 2024-2025 Bundesliga schedule. (Option to view the entire schedule at once. Something like [this](#)) [3 pts]
- User Story 2: As a user, I want to be able to view the head-to-head record of a fixture to get an idea of the competitive nature between two clubs
 - A. Task 1: Obtain the head-to-head statistics for each fixture. [3 pts]
 - B. Task 2: Convert head-to-head reports into CSV files. [2 pts]
 - C. Task 3: Push reports to Github for frontend use. [1 pt]
- User Story 3: As an analyst, I want to be able to compare my own predictions with the predictions of a machine learning model to see how realistic it can be.
 - A. Task 1: Continue development of prediction models [4 pts]
 - B. Task 2: Compare different models on accuracy based on test data [2 pts]
 - C. Task 3: Decide on a model/implementation to fine-tune for sprint 3.

Team Roles:

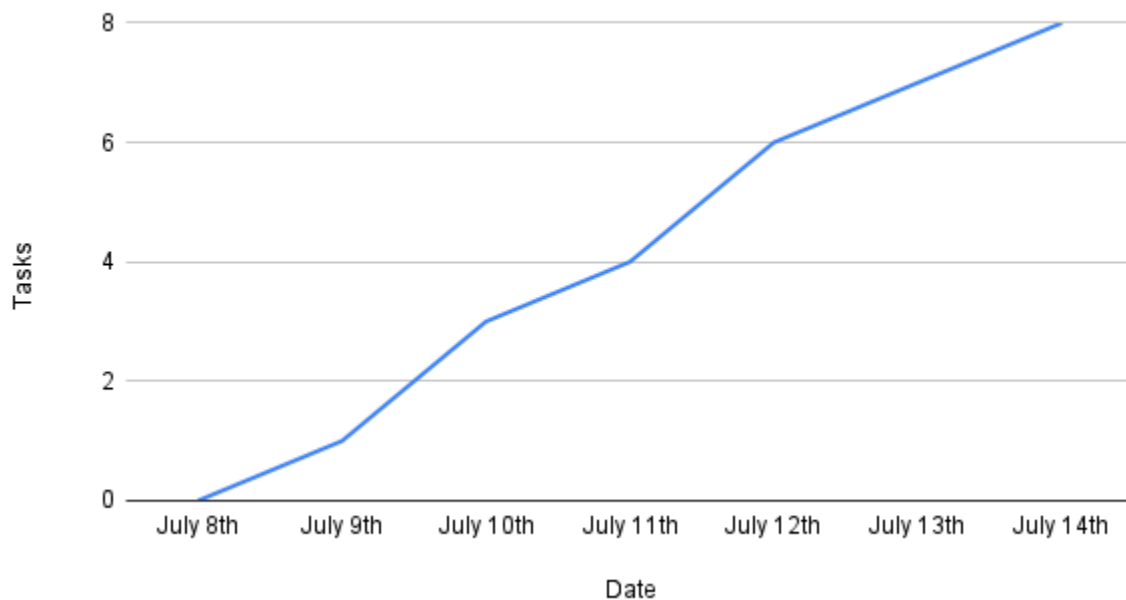
- Joath Carrera: {Product Owner, Developer}
- Dmitry Pleshkov: {Developer}
- Jihang Li: {Scrum Master, Developer}
- Sergio Casarrubias: {Developer}
- Siyao Li: {Scrum Master, Developer}

Initial Task Assignment:

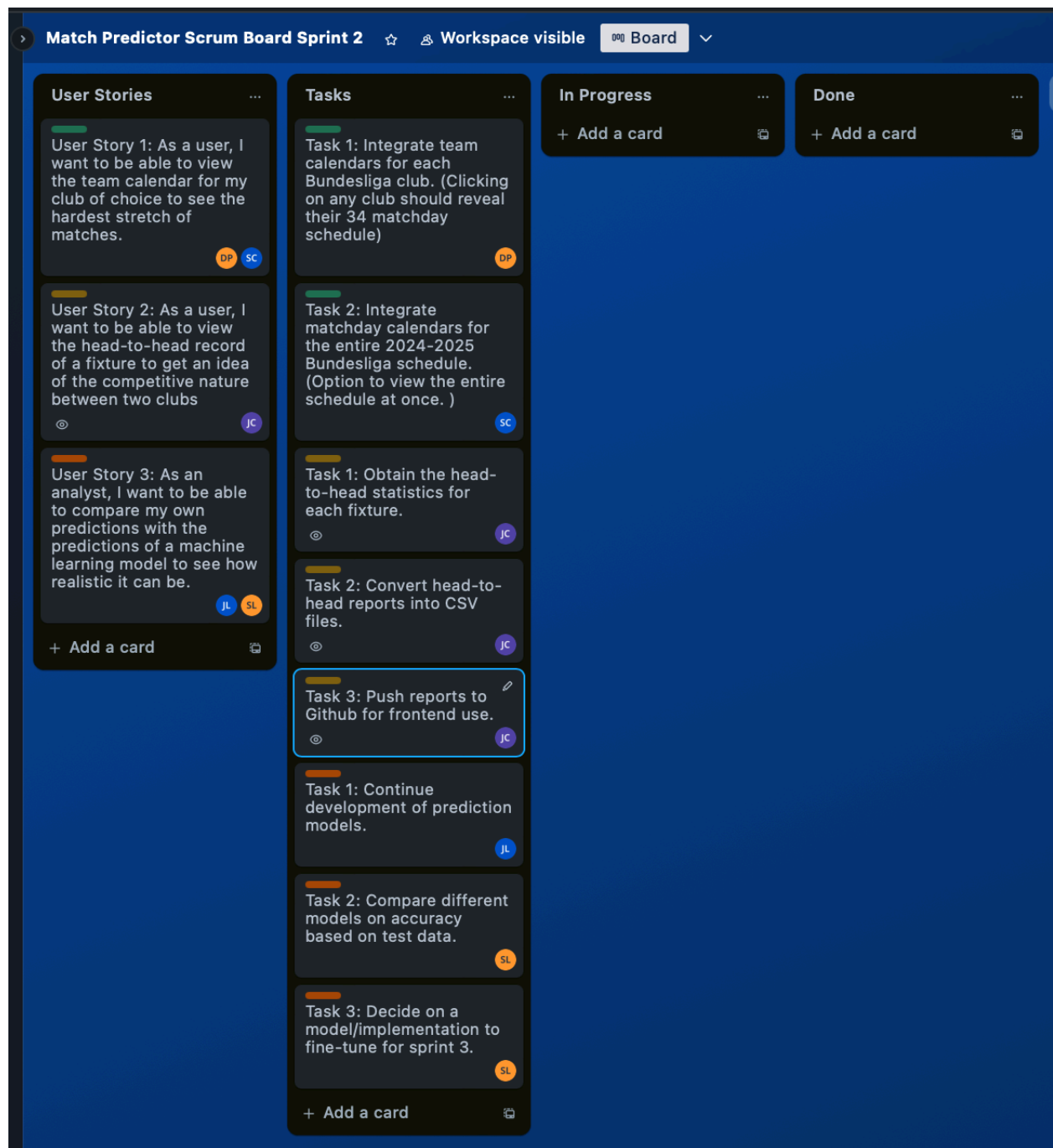
- Joath Carrera: US2, T1 & T2 & T3
- Dmitry Pleshkov: US1, T1
- Jihang Li: US3, T1
- Sergio Casarrubias: US1, T2
- Siyao Li: US3, T2 & T3

Initial Burnup Chart:

Soccer Match Predictor Sprint 2 Burn Up Chart



Initial Scrum Board:



Scrum Times (Subject to Change): (TA attendance tbd)

- Monday: 12:45 - 1:00
- Wednesday: 12:45 - 1:00
- Friday: 3:00 - 3:15