

Sprint 1 Report

Product Name: Soccer Match Predictor

Team Name: Forecast FC

Date: 7/7/2024

1. **Actions to stop doing:**

- There are no current actions that the team needs to stop doing. Our group is satisfied with our process as all team members know the work they should be doing and have gotten it done just in time for Sprint 2.

2. **Actions to start doing:**

- The team should schedule more in-person group work sessions, ideally after class since these are effective at quickly answering questions and establishing work that needs to be done within that sprint.
- Team members working on the development of the prediction model should ensure that everyone is utilizing the same environment to weaken the possibility of any technical difficulties.

3. **Actions to keep doing:**

- The team should continue to notify the group of any pushes to the Github repository so that everyone else knows to pull before doing anything in order to avoid any merge conflicts.
- The team should continue communicating through discord about any questions regarding the scope of the project so that everyone is able to get on the same page.

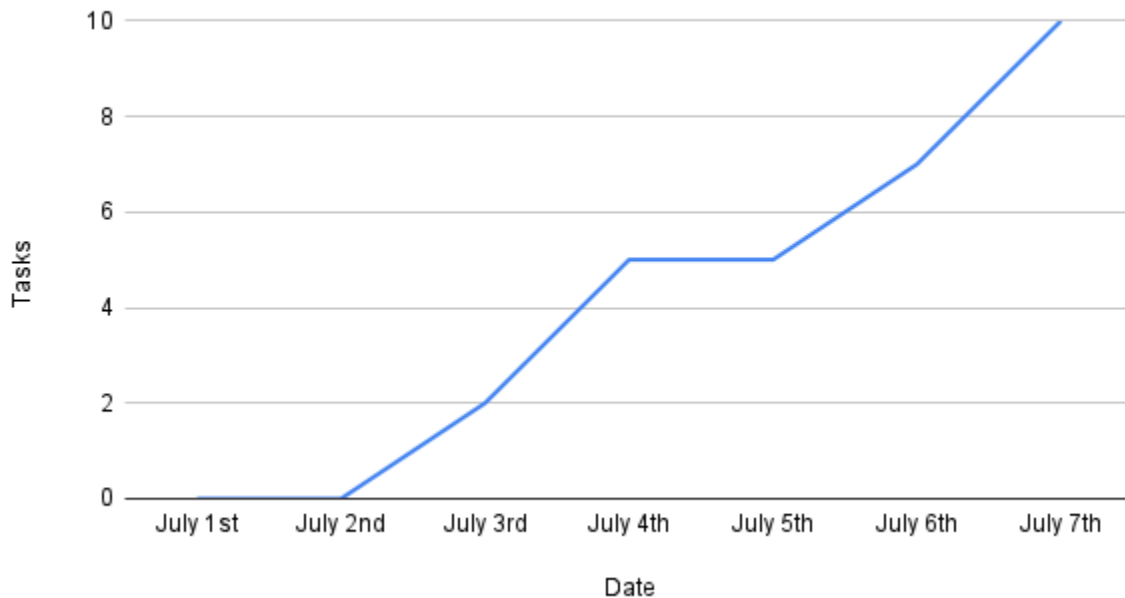
4. **Work completed/not completed**

- User Story 1:
 - A. Task 1: Completed
 - B. Task 2: Completed
 - C. Task 3: Completed
- User Story 2:
 - A. Task 1: Completed
 - B. Task 2: Completed
 - C. Task 3: Completed
- User Story 3:
 - A. Task 1: Completed
 - B. Task 2: Completed
 - C. Task 3: Completed
 - D. Task 4: Completed

5. Work Completion rate

- Total number of user stories completed during prior sprint:
 - A. 3 user stories
- Total number of estimated ideal work hours completed during the sprint:
 - A. Joath Carrera: 8hrs
 - B. Dmitry Pleshkov: 8hrs
 - C. Jihang Li: 8hrs
 - D. Sergio Casarrubias: 8 hrs
 - E. Siyao Li: 9hrs
- Total number of days during the prior sprint.
 - A. 7 days
- The user stories/day and ideal work hours/day.
 - A. User stories/day = $3/7 = 0.429$
 - B. Work hours/ day = $41/7 = 5.857$

Soccer Match Predictor Sprint 1 Burn Up Chart



Match Predictor Scrum Board Sprint 1

Workspace visible

Board

User Stories

User Story 1: As a user I want to be able to select a Bundesliga club, so that I can see who they will be playing against this season

User Story 2: As a user I want to be able to view the upcoming 2024-2025 Bundesliga schedule so that I can plan my schedule accordingly.

User Story 3: As a sports gambler, I want to be able to predict the outcome of matches so that I can make smarter betting decisions.

+ Add a card

Tasks

+ Add a card

In Progress

+ Add a card

Done

Task 1: Find the 2024-2025 Bundesliga Schedule

Task 2: Convert the PDF schedule to CSV files (matchday/team)

Task 3: Push calendars to Git for frontend work

Task 1: Gather match data for each team for every league match played over the last 3 seasons.

Task 2: Clean gathered data and determine what specific statistics will be used to train the model

Task 3: Begin research on Scikit-learn models that best fit the scope of this project.

Task 4: Begin initial development of a basic prediction model.

Task 1: Develop a UI skeleton to display the 18 possible teams.

Task 2: Style UI and mock methods for connection to a backend AI model.

Task 3: Deploying base frontend material to Github

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