

Sprint 3 Plan

Product name & team name: PokerAI

Completion Date: 19 July, 2023

Revision number: 1.2

Revision Date: 13 July, 2023

Goal:

Testing the MVP that has been completed in the last sprint and improving it so that it will be more user-friendly and intuitive to use for especially beginner poker players. Improving out pokerAI function with plenty of test cases of GTO wizard. (a currently existing popular PokerAI)

Task Listing:

Front-End:

User story 1: As a poker player, especially as a beginner, I want to have a user-friendly and aesthetically pleasing UI that helps me understand more clearly and intuitively on an optimal action and keeps me motivated to learn.

Task 1: Remodel the whole UI theme of the project with Task 2: Review all designing for the three pages. (5)

Task: Modularize the code (5)

Task: Combine everything together (5)

Back-end:

User story 2: As a poker player, I want to learn the optimal action based on an imaginary situation with a poker engine and environment.

Task1: Improvement in heuristic (8)

Task 2: Benchmark optimality of actions relative to a functional poker engine (8)

Team Roles:

Jun Hayashida: front-end developer, back-end developer

Renmark Soriano: back-end developer

Rahul Nadkarni: leader for front-end product team, front-end developer

Manju Shettar: back-end developer

Pranav Vempati: Back-end Developer

Tommy Chen: front-end developer

Initial Task Assignment:

Pranav Vempati: User story 1: task 3

Renmark Soriano: User story 1: task 2, task 3

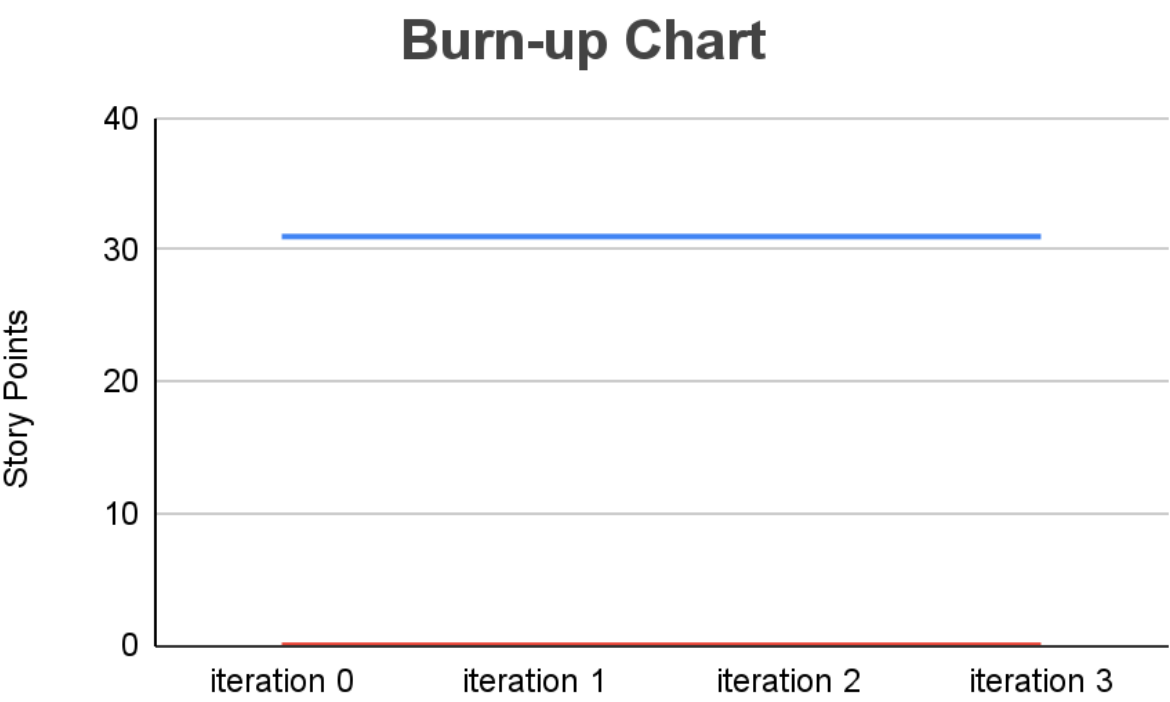
Manju Shettar: User story 1: task 2, task 3

Rahul Nadkarni: User story 1: task 1, task 3 User story 2: task 2, task3

Jun Hayashida: User story : task 1,

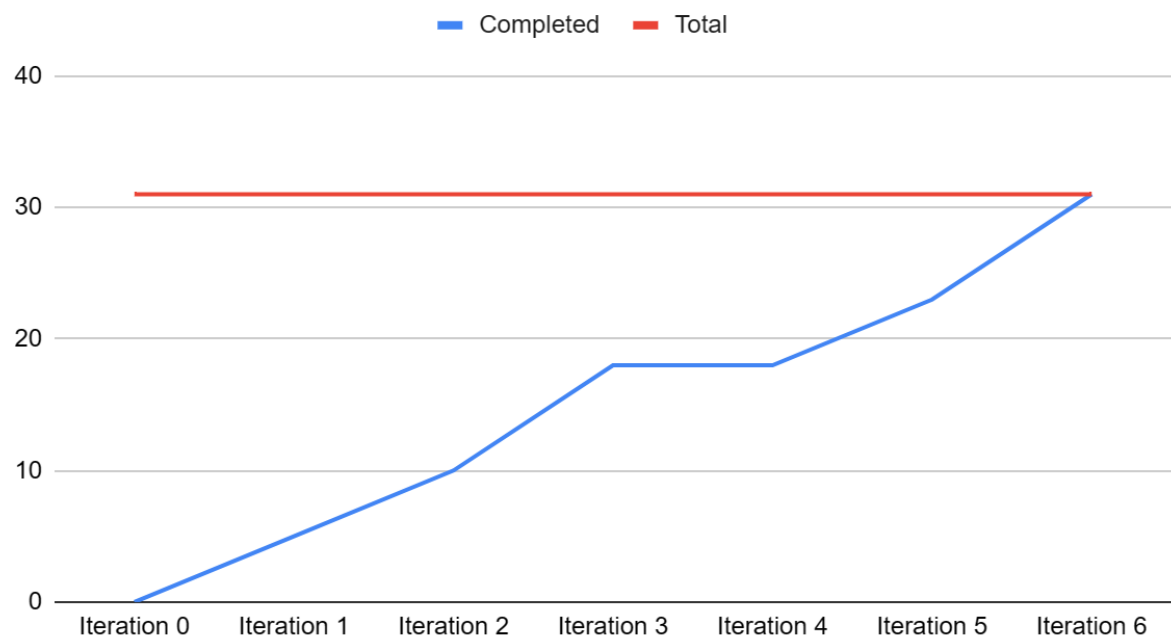
Tommy Chen: User story 1: task 1, task 3, User story 2: task 1, task 2

Initial Burn-up Chart:



Final Burn-up Chart:

Sprint 3 Burnup Chart



Initial scrum board

As a poker player, I want to know which action I should take with the hand provided

To-do 3

Finish frontend's Axios integration with backend. Ensure backend responses are processed by the frontend and that the Flask server and React server can interact with each other(5)

In the backend, determine rules regarding the optimal play given a position and preflop hand. ChatGPT can provide these rules(5).

Integration of rules logic with frontend views. This task encompasses everything that is needed to integrate the backend environment with the Study tool in the frontend to create the MVP(8).

In Progress 0

+ New

Complete 0

+ New

As a poker player, I want to access a “Study” mode for this application that encapsulates the functionality in the previous user story

To-do 3	In Progress 0	Complete 0
Create all UI panels for this task(3)	+ New	+ New
Add buttons, routes, and make sure pages are updated regularly on frontend per the logic in the backend(5)		
Integrate Study feature with backend and ensure it is in working order(5).		

Scrum times:

Daily Scrum Meetings: Mon, Wed, Sta: 12:30 pm - 12:45 pm

TA Meetings: Tue, Thu: 11:00 am - 12:00 pm with TA Shivani