Sprint 1 Plan

Product Name: MoCode

Team Name: MoCoders

Sprint Completion Date: January 30, 2024

Revision Number: 2

Revision Date: March 12, 2024

<u>Goal</u>

The high-level goal of *Sprint 1* is to create and develop a simple user interface that enables users to see and engage with suggested technical LeetCode questions. This step includes exploring potential tools for the front-end and back-end development of our application, as well as initiating the construction of our platform. This initial Sprint aims to establish a fundamental version of the app, omitting more complex functionalities.

<u>Task Listing</u>

- 1.1: As a first-time user, I want to access an app where I can see a list of recommended LeetCode questions, so I can quickly start practicing without any confusion. [10 pts] (8 hours)
    - Build a front end so the user can use the app with a set of problems
- 1.2: As a returning user, I need the ability to view my previously attempted questions and receive new recommendations, so I can continue my practice seamlessly. [5 pts] (8 hours)
    - Either use a database or pull progress from leetcode directly
- 1.3: As a job seeker, I want the app to focus on topics and questions that are commonly found in technical interviews, so I can be better prepared for my job interviews. [2 pts] (5 hours)
    - Pull questions from collections of questions based on the company
- 1.4: As a user, I want an app that is easy to access with a user-friendly interface. [10 pts] (3 hours)
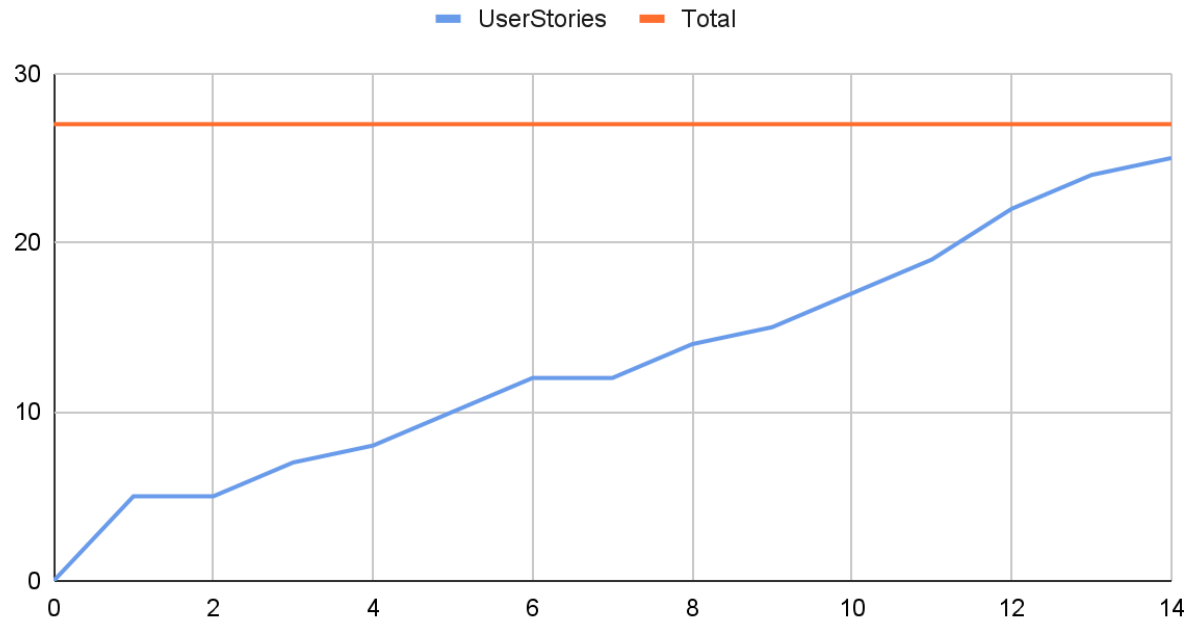   - Build a modern and clean UI

Team Roles

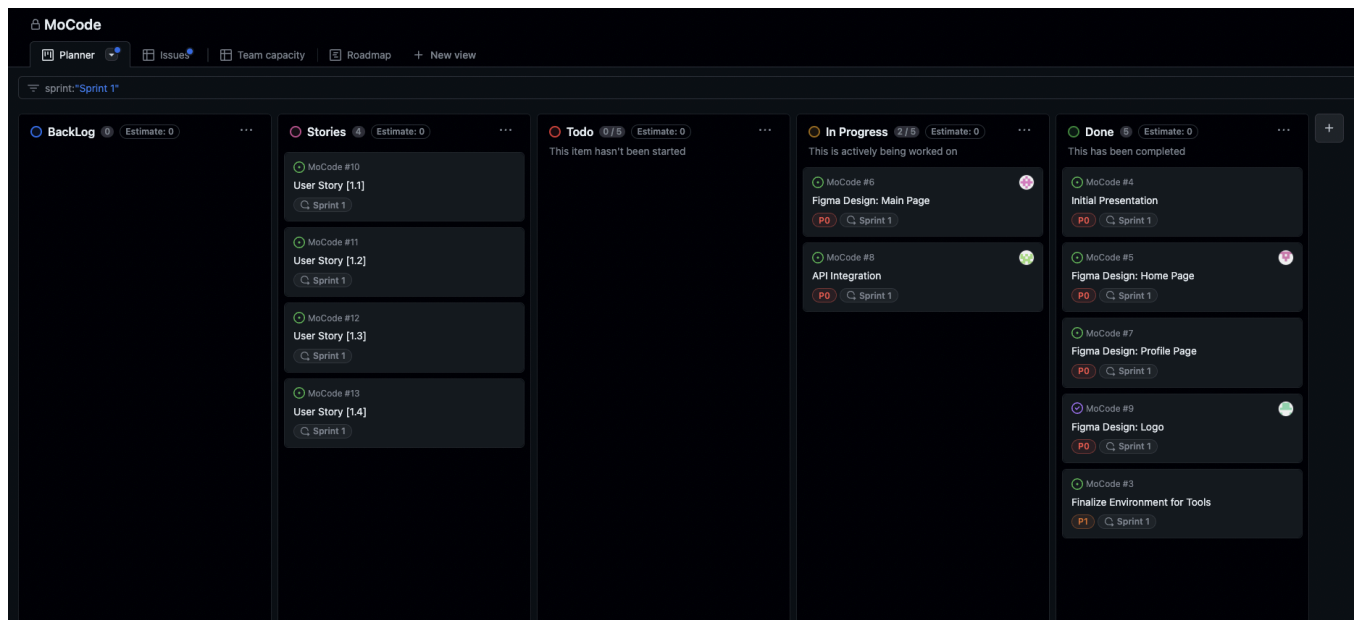| Team Member	Role
Anish Kumar	Scrum Master
Camille Gandotra	Developer
Ezekiel Norman	Project Owner
Samik Pradhan	Developer
Sree Chinta	Developer

Initial Task Assignment

Team Member	User Story	Task
Anish Kumar	• [1.1] • [1.4]	• Design Main Page
Camille Gandotra	• [1.1] • [1.4]	• Design Home Page • Create React App • Set Up BackEnd Infrastructure
Ezekiel Norman	• [1.2] • [1.3]	• Develop API Integration • Research Algorithms
Samik Pradhan	• [1.1] • [1.4]	• Design Profile Page
Sree Chinta	• [1.1] • [1.4]	• Design Logo

Initial BurnUp Chart

Sprint 1 Burn Up Chart

Initial Scrum Board

Scrum Times
1) Sundays @ 2:00 pm - 3:00 pm
2) After Class StandUps
3) TA Meeting - Thursdays @ 9:30 am - 10:15 am