Initial Project Planning Template

Date	9 July 2024
Team ID	team-739994
Project Name	Precise Coffee Quality prediction
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Define problem/problem understanding	USN-9891501	As a user, I want to define the specific problem statement and objectives for the coffee quality prediction project.	2	Medium	Chaithanya, Keerthana, Shivakumar	20/06/2024	20/06/2024
Sprint-2	Data Collection and Preparation	USN-9891509	As a user, I want to gather and preprocess coffee bean data from various sources for analysis.	3	High	Chaithanya	21/06/2024	24/06/2024
Sprint-3	Exploratory Data Analysis	USN-9891516	As a user, I want to perform exploratory data analysis to understand patterns and relationships in coffee bean attributes.	2	Medium	Ruthvika, Chaithanya	25/06/2024	27/06/2024
Sprint-4	Model Building	USN-9891521	As a user, I want to develop and train best model among few models to predict coffee bean health based on collected data.	4	High	Ruthvika	28/06/2024	29/06/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-5	Performance Testing	USN-9891525	As a user, I want to conduct performance testing to evaluate the accuracy and efficiency of the developed model.	2	Medium	Ruthvika	29/06/2024	30/06/2024
Sprint-6	Deployment	USN-9891526	As a user, I want to deploy the trained model onto a production server for real-time predictions.	5	High	Ruthvika	01/07/2024	07/07/2024
Sprint-7	Documentation	USN-9891532	As a user, I can contribute to and update the documentation to ensure it remains current and comprehensive for the application.	3	Medium	Ruthvika, Chaithanya, Keerthana, Shivakumar	08/07/2024	10/07/2024