Initial Project Planning Template

Date	15 March 2024
Team ID	SWTID1720184497
Project Name	Cereal Analysis Based on Ratings by using Machine Learning Techniques
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	Data Collection and Preparation	USN-1	Collect and clean cereal data.	3	High	Anurav and Nitish	10/06/2024	14/06/2024
Sprint-1	Data Collection and Preparation	USN-2	Explore dataset for key features.	2	High	Nitish	14/06/2024	15/06/2024
Sprint-2	Data Collection and Preparation	USN-3	Handle missing values and outliers.	2	Medium	Nitish and Omkar	15/06/2024	17/06/2024
Sprint-2	Model Training	USN-4	Train machine learning models to predict ratings.	5	High	Nitish, Omkar and Ayan	17/06/2024	22/06/2024
Sprint-3	Model Evaluation and Tuning	USN-5	Evaluate models and pick the best one.	3	High	Nitish, Omkar and Ayan	22/06/2024	26/06/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Model Evaluation and Tuning	USN-6	Tune model hyperparameters.	3	Medium	Omkar and Nitish	26/06/2024	30/06/2024
Sprint-4	Insights and Reporting	USN-7	Generate insights and visualizations for users.	4	Medium	Nitish	30/06/2024	03/07/2024
Sprint-4	Documentation	USN-8	Document the project process and findings.	2	Medium	Nitish and Anurav	03/07/2024	06/07/2024
Sprint-5	Application Building	USN-9	Design the app's user interface.	5	High	Nitish, Omkar and Ayan	06/07/2024	10/07/2024
Sprint-5	Application Building	USN-10	Implement the backend to handle data and predictions. Integrate the ML model with the app for real-time predictions.	5	High	Nitish, Omkar and Ayan	10/07/2024	14/07/2024
Sprint-6	Application Building	USN-11	Test the app for functionality and user-friendliness and deploy.	4	High	Ayan and Omkar	14/07/2024	16/07/2024