

Initial Project Planning Template

Date	15 March 2024
Team ID	LTVIP2024TMID24997
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	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection and Preparation	USN-1	Collect and clean cereal data.	High	Akash and Tharun	23/09/2024	26/09/2024
Sprint-1	Data Collection and Preparation	USN-2	Explore dataset for key features.	High	Akash	23/09/2024	26/09/2024
Sprint-2	Data Collection and Preparation	USN-3	Handle missing values and outliers.	Medium	Sravya and Bhavani	23/09/2024	26/09/2024
Sprint-2	Model Training	USN-4	Train machine learning models to predict ratings.	High	Akash,Tharun and Bhavani	27/09/2024	30/09/2024
Sprint-3	Model Evaluation and Tuning	USN-5	Evaluate models and pick the best one.	High	Sravya, Tharun and Bhavani	27/09/2024	30/09/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Model Evaluation and Tuning	USN-6	Tune model hyperparameters.	Medium	Tharun and Bhavani	27/09/2024	30/09/2024
Sprint-4	Insights and Reporting	USN-7	Generate insights and visualizations for users.	Medium	Akash	27/09/2024	30/09/2024
Sprint-4	Documentation	USN-8	Document the project process and findings.	Medium	Sravya and Bhavani	27/07/2024	30/07/2024
Sprint-5	Application Building	USN-9	Design the app's user interface.	High	Akash,Sravya and Tharun	1/10/2024	5/10/2024
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.	High	Akash, Tharun and Bhavani	1/10/2024	5/10/2024
Sprint-6	Application Building	USN-11	Test the app for functionality and user-friendliness and deploy.	High	Sravya and Tharun	6/10/2024	10/10/2024