

Initial Project Planning Template

Date	6 June 2024
Team ID	-
Project Name	Golden Harvesting: A Predictive Model For Apple Quality Assurance
Maximum Marks	4 Marks

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

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 & Preparation	-	I can collect data on apple size, weight, sweetness, and other attributes & preprocess and clean the collected data to ensure it's ready for analysis.	-	High	Tanvi Pednekar	4th June 2024	10th June 2024
Sprint-1	Exploratory Data Analysis	-	I can perform EDA to understand patterns and distributions and generate visualizations to better understand the relationships in the data.	-	High	Tanvi Pednekar	11th June 2024	17th June 2024
Sprint-1	Model Building	-	I can build and train a model to predict apple quality based on features.	-	High	Tanvi Pednekar	18th June 2024	24th June 2024
Sprint-1	Performance Testing & Hyperparameter Tuning	-	I can tune hyperparameters to improve the model's performance and evaluate the model using multiple metrics to ensure its effectiveness.	-	High	Tanvi Pednekar	25th June 2024	1st July 2024
Sprint-1	Model Deployment	-	I can deploy the model into a web framework to make it accessible for end-users.	-	High	Tanvi Pednekar	2nd July 2024	20th July 2024