Initial Project Planning Template

Date	10 November 2024
Team ID	team-739757
Project Name	Tomato Plant Disease Detection from Leaf Images using Deep Learning
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	Image Collection & Preprocessing	USN-1	As a user, I can upload images of tomato leaves for disease prediction.	3	High	B. PapiReddy	20/10/24	20/10/24
Sprint-1	Image Collection & Preprocessing	USN-2	As a user, I can receive feedback if the uploaded image quality is too low for accurate prediction.	2	Medium	B. PapiReddy	21/10/24	22/10/24
Sprint-2	Model Training	USN-3	As a developer, I can train a deep learning model on collected leaf images to identify disease types.	5	High	G. Sushma	23/10/24	25/10/24
Sprint-2	Model Evaluation	USN-4	As a developer, I can evaluate the model accuracy and fine-tune it for better prediction results.	3	High	G. Sushma	25/10/24	26/10/24

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Disease Prediction	USN-5	As a user, I can receive the disease diagnosis based on the uploaded leaf image within seconds. I can receive feedback if the uploaded image quality is too low for accurate prediction.	4	High	G. Sushma	27/10/24	30/10/24
Sprint-3	User Interface		As a user, I can view a clear interface displaying the disease name.	3	Medium	Ch.Sai Charan	31/10/24	5/11/24
Sprint-4	Reporting & Documentation		As a developer, I can generate a report summarizing model performance metrics and user feedback.	2	Medium	M.Divya	6/11/24	12/11/24