Initial Project Planning

Date	19 June 2025
Team ID	SWTID1750170729
Project Name	Deepfruitveg: Automated Fruit And Veg Identification
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	USN-1	Download the Dataset	2	High	Akshat Agarwal	18/6/2025	19/6/2025
Sprint-2	Image Preprocessing	USN-2	Read In Images And Create A Dataframe Of Image Paths And Class Labels	1	High	Akshat Agarwal	18/6/2025	19/6/2025

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-2	Image Preprocessing	USN-3	Create The Train_gen, Test_gen Final_test_gen And Valid_gen	2	Low	Shaik Sajid	18/6/2025	19/6/2025
Sprint-2	Image Preprocessing	USN-4	Importing The Library	2	Medium	Shaik Sajid	18/6/2025	19/6/2025
Sprint-3	Model Building	USN-5	Creating A Model Using Transfer Learning With EfficientNetB3	1	High	Amith Gerri	18/6/2025	19/6/2025
Sprint-3	Model Building	USN-6	Create A Custom Keras Callback To Continue And Optionally Set LR Or Halt Training	2	High	Amith Gerri	19/6/2025	19/6/2025

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 Building	USN-7	Instantiate Custom Callback	1	High	Amith Gerri	19/6/2025	19/6/2025
Sprint-3	Model Building	USN-8	Train The Model	2	Low	Amith Gerri	19/6/2025	19/6/2025
Sprint-3	Model Building	USN-9	Test the Model	2	Medium	Amith Gerri	19/6/2025	19/6/2025

Sprint-3	Model Building	USN-10	Save the Model	1	High	Amith Gerri	19/6/2025	19/6/2025
Sprint-3	Model Building	USN-11	Loss % Change At Each Epoch	2	High	Amith Gerri	19/6/2025	19/6/2025
Sprint-4	Application Building	USN-12	Create HTML Pages	1	High	Amith Gerri	19/6/2025	19/6/2025
Sprint-4	Application Building	USN-13	Build Flask Code	2	Low	Amith Gerri	19/6/2025	19/6/2025