Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	19 February 2026
Team ID	LTVIP2026TMIDS83873
Project Name	Smart Sorting: Transfer Learning for Identifying Rotten Fruits and Vegetables
Maximum Marks	5 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-1	**Image Upload UI**	USN-1	As a user, I can upload an image from my device	3	High	Rathnakaram Mahidhar
	Flask Backend Setup	USN-2	As a developer, I can set up Flask routing for home and predict endpoints..	2	Medium	Adhuri Swetha
Sprint-2	**Image Preprocessing** **Model Integration**	USN-3	As a system, I can load the VGG16 model and classify images. As a user, I can view the prediction result with the uploaded image.	2	High	B Surya Vardhan Reddy
Sprint-3	Error Handling	USN-4	As a user, I can view the prediction result with the uploaded image.	3	High	Chidvik Sai Reddy
		USN-5	As a user, I should get clear error messages if the image is invalid.	2	High	
Sprint-4	**Deployment**	USN-7	As a developer, I can deploy the web app to Render.	3	High	Gosu Arya Pranav

Product Backlog & Sprint Schedule