

Initial Project Planning

Date	12 Feb 2026
Student Name	Pratik Rajendra Pawar
Project Name	GreenClassify: A Vegetable Classifier

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Model Application	USN-1	As a system, I need to apply a pre-trained MobileNetV2 deep learning model to the uploaded image.	3	High		
Sprint-1	Application Integration	USN-2	Integrate a MobileNetV2-based PyTorch model into a Flask backend that exposes a /predict API and a lightweight HTML/CSS/JS dashboard for image upload and inference."	3	High		
Sprint-2	Image Input & Processing	USN-3	As a user, I want to select an image for vegetable identification.	2	High		
Sprint-2	Output Display	USN-4	As a user, I want to see the identified vegetable species, with a confidence level, displayed clearly and quickly.	2	High		
Sprint-3	Performance Optimization	USN-5	As a developer, I need to optimize the application for speed and efficiency.	2	Medium		