

## Initial Project Planning Template

Date	15 March 2024
Team ID	739946
Project Name	Deepfruitveg: Automated Fruit And Vegetable 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	Automated Fruit and Vegetable Identification	US1	Implement image capture system for fruits and vegetables	5	High			
Sprint-1	Automated Fruit and Vegetable Identification	US2	Develop the initial model for fruit and vegetable recognition	8	High			
Sprint-2	Image Processing and Classification	US3	Train deep learning model on a labeled dataset of fruits and vegetables	13	High			
Sprint-3	Integration with Sorting System	US5	Integrate automated identification with the sorting conveyor system	8	Medium			

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>
Sprint-4	Testing and Optimization	US7	Conduct system testing with various lighting and produce types	13	High			
Sprint-4	Testing and Optimization	US8	Optimize the model to reduce false positives/negatives	8	High			