

## Project Planning Phase

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

Date	24 June 2025
Team ID	LTVIP2025TMID35493
Project Name	TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning
Maximum Marks	5 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Registration & Login	USN-1	As a user, I can register by entering name, email, and password.	2	High	
Sprint-1	User Registration & Login	USN-2	As a user, I receive a confirmation email upon successful registration.	1	High	
Sprint-1	Dashboard Setup	USN-3	As a user, I can log in using my email and password.	2	High	
Sprint-1	Data Ingestion	USN-4	As a system, I can collect and preprocess real-time traffic data from cameras/sensors.	3	High	
Sprint-2	Traffic Prediction	USN-5	As a user, I can view predicted traffic conditions for my selected route.	3	High	
Sprint-2	Route Optimization	USN-6	As a user, I get suggested optimal routes based on real-time data.	3	High	
Sprint-2	Incident Detection	USN-7	As a system, I detect incidents like	3	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>
			congestion or accidents using video analytics.			
Sprint-3	History View	USN-8	As a user, I can view traffic history and route performance over time.	2	Medium	
Sprint-3	Admin Monitoring Tools	USN-9	As an admin, I can monitor system status, data logs, and user activity.	2	Medium	
Sprint-3	Notification System	USN-10	As a user, I receive alerts for traffic incidents and suggested changes in route.	2	Medium	
Sprint-3	Feedback & Support	USN-11	As a user, I can submit queries or feedback through a form.	1	Low	