

Project Planning Phase

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

Date: 29 June 2025

Team ID: LTVIP2025TMID42078

Project Name: TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning

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	Data Integration	USN-1	As a system, I can ingest and process traffic data from various sources.	3	High	Pranavi
Sprint-1	Prediction Engine	USN-2	As a system, I can generate traffic volume predictions using ML models.	5	High	Pranavi
Sprint-2	Visualization	USN-3	As a user, I can view traffic forecasts on an interactive dashboard.	3	Medium	Sharath
Sprint-2	Scenario Modules	USN-4	As a planner, I can receive traffic forecasts for future infrastructure planning.	3	High	Sharath
Sprint-3	Commuter Guidance	USN-5	As a commuter, I can get optimized travel routes based on	4	Medium	Sarfaraz

			traffic predictions.			
Sprint-4	Export/Reporting	USN-6	As an admin, I can export traffic data and reports for analysis.	2	Low	Ramya Sree

Project Tracker, Velocity & Burndown Chart (4 Marks)

Sprint	Total Story Points	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint-1	10	01 July 2025	06 July 2025	10	06 July 2025
Sprint-2	6	07 July 2025	12 July 2025	6	12 July 2025
Sprint-3	6	13 July 2025	18 July 2025	6	18 July 2025