Initial Project Planning Template

Date	15 June 2025
Team ID	LTVIP2025TMID44004
Project Name	TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning
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	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection and Cleaning	TRAF-6	Data Collection and integration	2	High	Manudeep	15/06/2025	16/06/2025
Sprint-1	Data Collection and Cleaning	TRAF -7	Handling Null values	1	Medium	Manudeep	15/06/2025	16/06/2025
Sprint-1	Data Collection and Cleaning	TRAF -8	Handling noise and inconsistency	1	Medium	Manudeep	15/06/2025	16/06/2025
Sprint-1	Data Collection and Cleaning	TRAF -9	Handling Duplicates	1	Low	swaroop	15/06/2025	16/06/2025

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection and Cleaning	TRAF -10	Handling Outliers	1	Low	swaroop	15/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -11	Handling Categorical Data	2	High	ayesha	16/06/2025	17/06/2025

Sprint-2	Model Development	TRAF -16	Dimension reduction and Model Selection	3	High	ayesha	16/06/2025	17/06/2025
Sprint-3	Model Development	TRAF -17	Model Training and Testing	3	High	Manudeep	16/06/2025	17/06/2025
Sprint-3	Model Development	TRAF -19	Model Evaluation	2	Medium	swaroop	16/06/2025	17/06/2025
Sprint-3	Model Development	TRAF -20	Model Tuning and Testing	3	High	Ayesha	16/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -12	Handling Imbalance Data	2	Medium	Manudeep	16/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -14	Feature Scaling	3	Low	Swaroop	16/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -15	Data Visualization	2	Low	Ayesha	16/06/2025	17/06/2025

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Model Deployment	TRAF -21	Building HTML Template and Deployment	2	High	Manudeep	16/06/2025	17/06/2025

⚡ TRAF-1 Project Initialization and Planning			
⚡ TRAF-2 Data Collection and Cleaning			
🔖 ~~TRAF-6~~ Data Collection a... **DONE** 🟠AK			
🔖 ~~TRAF-7~~ Handling Null Va... **DONE** 🟠AK			
🔖 ~~TRAF-8~~ Handling Noise ... **DONE** 🟠AK			
🔖 ~~TRAF-9~~ Handling Dublic... **DONE** 🟣RP			
🔖 ~~TRAF-10~~ Handling Outliers **DONE** 🟣RP			
⚡ TRAF-3 Data Transformation and visualiz...			
🔖 TRAF-11 Handling Cate... **TO DO** 🔴AB			
🔖 TRAF-12 Handling Imbal... **TO DO** 🔴AB			
🔖 TRAF-14 Feature Scaling **TO DO** 🔵PS			
🔖 TRAF-15 Data Visualizati... **TO DO** 🔵PS			
⚡ TRAF-4 Model Development			
⚡ TRAF-5 Model Deployment			

Traffictelligence
Software project

PLANNING

- Timeline
- **Backlog**
- Board
- + Add view

DEVELOPMENT

- </> Code

- Project pages
- Project settings

Projects / Traffictelligence

Backlog

| Search | PS +2 | Epic ∨ | | Import work | Insights | View settings |

☐ ∨ **TRAF Sprint 2** 7 Jul – 7 Jul (5 issues)   9 0 0 **Start sprint** ⋯

☐ TRAF-11	Handling Categorical Data	DATA TRANSFORMATI...	TO DO ∨	1		AB
☐ TRAF-12	Handling Imbalance Data	DATA TRANSFORMATI...	TO DO ∨	2		AB
☐ TRAF-14	Feature Scaling	DATA TRANSFORMATI...	TO DO ∨	1		PS
☐ TRAF-15	Data Visualization	DATA TRANSFORMATI...	TO DO ∨	2		PS
☐ TRAF-16	Dimention reduction and Model Selection	MODEL DEVELOPMENT	TO DO ∨	3	=	PS

+ Create issue

5 issues   Estimate: **9**

☐ ∨ **TRAF Sprint 3** 8 Jul – 9 Jul (4 issues)   5 0 0 Start sprint ⋯

☐ TRAF-17	Model Training and Testing	MODEL DEVELOPMENT	TO DO ∨	3	=	👤
☐ TRAF-19	Model Evaluation	MODEL DEVELOPMENT	TO DO ∨	2	=	👤
☐ TRAF-20	Model Tuning and Testing	MODEL DEVELOPMENT	TO DO ∨	-	=	👤
☐ TRAF-21	Building HTML Template and Deployment	MODEL DEPLOYMENT	TO DO ∨	-	=	👤

TRAF Sprint 2

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+ Add view

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Search   PS AB   Epic ⌄   GROUP BY   None ⌄   ☁ Import

TO DO 2

Data Visualization
DATA TRANSFORMATION AND VISUALIZ...
🔲 TRAF-15   2   PS

Dimention reduction and Model Selection
MODEL DEVELOPMENT
🔲 TRAF-16   3   PS

+ Create issue

IN PROGRESS 1

Feature Scaling
DATA TRANSFORMATION AND VISUALIZ...
🔖 TRAF-14   1   PS

DONE 2 ✓

Handling Categorical Data
DATA TRANSFORMATION AND VISUALIZ...
🔖 TRAF-11   ✓ 1   AB

Handling Imbalance Data
DATA TRANSFORMATION AND VISUALIZ...
🔖 TRAF-12   ✓ 2   AB