Initial Project Planning Template

Date	15 June 2025
Team ID	LTVIP2025TMID43963
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	Amarnath	15/06/2025	16/06/2025
Sprint-1	Data Collection and Cleaning	TRAF -7	Handling Null values	1	Medium	Amarnath	15/06/2025	16/06/2025
Sprint-1	Data Collection and Cleaning	TRAF -8	Handling noise and inconsistency	1	Medium	Amarnath	15/06/2025	16/06/2025
Sprint-1	Data Collection and Cleaning	TRAF -9	Handling Duplicates	1	Low	Madhava datta	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	Madhava datta	15/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -11	Handling Categorical Data	2	High	Harshitha	16/06/2025	17/06/2025

Sprint-2	Model Development	TRAF -16	Dimension reduction and Model Selection	3	High	Harshitha	16/06/2025	17/06/2025
Sprint-3	Model Development	TRAF -17	Model Training and Testing	3	High	Akash& Amarnath	16/06/2025	17/06/2025
Sprint-3	Model Development	TRAF -19	Model Evaluation	2	Medium	Madhava datta	16/06/2025	17/06/2025
Sprint-3	Model Development	TRAF -20	Model Tuning and Testing	3	High	Harshitha	16/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -12	Handling Imbalance Data	2	Medium	Harshitha	16/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -14	Feature Scaling	3	Low	Akash	16/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -15	Data Visualization	2	Low	Akash	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	Amarnath	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			

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☐ ⌄ **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 ⌄	-	= 👤

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TRAF Sprint 2

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GROUP BY   None ⌄   ☁ Import

TO DO 2	IN PROGRESS 1	DONE 2 ✓
Data Visualization	**Feature Scaling**	**Handling Categorical Data**
DATA TRANSFORMATION AND VISUALIZ...	DATA TRANSFORMATION AND VISUALIZ...	DATA TRANSFORMATION AND VISUALIZ...
🔖 TRAF-15 2 PS	🔖 TRAF-14 1 PS	🔖 TRAF-11 ✓ 1 AB
Dimention reduction and Model Selection		**Handling Imbalance Data**
MODEL DEVELOPMENT		DATA TRANSFORMATION AND VISUALIZ...
🔖 TRAF-16 3 PS		🔖 TRAF-12 ✓ 2 AB
+ Create issue		

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