

Initial Project Planning Template

Date	15 June 2025
Team ID	LTVIP2025TMID41281
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-1	Data Collection and Cleaning	TRAF-6	Data Collection and integration	2	High	Musharaf	15/06/2025	16/06/2025
Sprint-1	Data Collection and Cleaning	TRAF -7	Handling Null values	1	Medium	Musharaf	15/06/2025	16/06/2025

Sprint-1	Data Collection and Cleaning	TRAF -8	Handling noise and inconsistency	1	Medium	Musharaf	15/06/2025	16/06/2025
Sprint-1	Data Collection and Cleaning	TRAF -9	Handling Duplicates	1	Low	Akhila	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	Akhila	15/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -11	Handling Categorical Data	2	High	Mounika	16/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -12	Handling Imbalance Data	2	Medium	Mounika	16/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -14	Feature Scaling	3	Low	Pratima	16/06/2025	17/06/2025
Sprint-2	Data Transformation and visualization	TRAF -15	Data Visualization	2	Low	Pratima	16/06/2025	17/06/2025

Sprint-2	Model Development	TRAF -16	Dimension reduction and Model Selection	3	High	Mounika	16/06/2025	17/06/2025
Sprint-3	Model Development	TRAF -17	Model Training and Testing	3	High	Pratima & Musharaf	16/06/2025	17/06/2025
Sprint-3	Model Development	TRAF -19	Model Evaluation	2	Medium	Akhila	16/06/2025	17/06/2025
Sprint-3	Model Development	TRAF -20	Model Tuning and Testing	3	High	Pratima	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	Musharaf	16/06/2025	17/06/2025

<div>  TRAF-1 Project Initialization and Planning </div>				
<div>   TRAF-2 Data Collection and Cleaning </div>				
<div>  TRAF-6 Data Collection a... <div> DONE  </div> </div>				
<div>  TRAF-7 Handling Null Va... <div> DONE  </div> </div>				
<div>  TRAF-8 Handling Noise ... <div> DONE  </div> </div>				
<div>  TRAF-9 Handling Dublic... <div> DONE  </div> </div>				
<div>  TRAF-10 Handling Outliers <div> DONE  </div> </div>				
<div>   TRAF-3 Data Transformation and visualiz... </div>				
<div>  TRAF-11 Handling Cate... <div> TO DO  </div> </div>				
<div>  TRAF-12 Handling Imbal... <div> TO DO  </div> </div>				
<div>  TRAF-14 Feature Scaling <div> TO DO  </div> </div>				
<div>  TRAF-15 Data Visualizati... <div> TO DO  </div> </div>				
<div>   TRAF-4 Model Development </div>				
<div>   TRAF-5 Model Deployment </div>				

 **Traffic Intelligence**
Software project

PLANNING

 Timeline

 **Backlog**

 Board

+ Add view

DEVELOPMENT

 Code

 Project pages

 Project settings

Projects / Traffic Intelligence

Backlog

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 ▾	-	=

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TRAF Sprint 2

1

Q Search

    Epic ▾

GROUP BY **None** ▾  Import

TO DO 2

Data Visualization

DATA TRANSFORMATION AND VISUALIZ...

 TRAF-15

2



Dimention reduction and Model Selection

MODEL DEVELOPMENT

 TRAF-16

3



+ Create issue

IN PROGRESS 1

Feature Scaling

DATA TRANSFORMATION AND VISUALIZ...

 TRAF-14

1



DONE 2 ✓

Handling Categorical Data

DATA TRANSFORMATION AND VISUALIZ...

 TRAF-11

✓ 1



Handling Imbalance Data

DATA TRANSFORMATION AND VISUALIZ...

 TRAF-12

✓ 2

