



Initial Project Planning Template

Date	15 June 2025
Team ID	LTVIP2025TMID44033
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	User Story	User Story / Task	Story	Priority	Team	Sprint	Sprint End
	Requirement	Number		Points		Members	Start Date	Date
	(Epic)							(Planned)
Sprint-1	Data	TRAF-6	Data Collection and integration	2	High	Arjun Sai	15/06/2025	16/06/2025
	Collection and		-			Charan		
	Cleaning							
Sprint-1	Data	TRAF -7	Handling Null values	1	Medium	Arjun Sai	15/06/2025	16/06/2025
	Collection and					Charan		
	Cleaning							





Sprint-1	Data	TRAF -8	Handling noise and inconsistency	1	Medium	Arjun Sai	15/06/2025	16/06/2025
	Collection and					Charan		
	Cleaning							
Sprint-1	Data	TRAF -9	Handling Duplicates	1	Low	Tulasi	15/06/2025	16/06/2025
	Collection and					Mohan		
	Cleaning							

Sprint	Functional	User Story	User Story / Task	Story	Priority	Team	Sprint	Sprint End
	Requirement	Number		Points		Members	Start Date	Date
	(Epic)							(Planned)
Sprint-1	Data	TRAF -10	Handling Outliers	1	Low	Tulasi	15/06/2025	17/06/2025
	Collection and					Mohan		
	Cleaning							
Sprint-2	Data	TRAF -11	Handling Categorical Data	2	High	Manasa	16/06/2025	17/06/2025
	Transformatio							
	n and							
	visualization							
Sprint-2	Data	TRAF -12	Handling Imbalance Data	2	Medium	Manasa	16/06/2025	17/06/2025
	Transformatio							
	n and							
	visualization							
Sprint-2	Data	TRAF -14	Feature Scaling	3	Low	Vedavathi	16/06/2025	17/06/2025
	Transformatio							
	n and							
	visualization							
Sprint-2	Data	TRAF -15	Data Visualization	2	Low	Vedavathi	16/06/2025	17/06/2025
	Transformatio							
	n and							
	visualization							





Sprint-2	Model	TRAF -16	Dimension reduction and Model	3	High	Manasa	16/06/2025	17/06/2025
	Development		Selection					
Sprint-3	Model	TRAF -17	Model Training and Testing	3	High	Vedavathi	16/06/2025	17/06/2025
	Development					&		
						Arjun Sai		
						Charan		
Sprint-3	Model	TRAF -19	Model Evaluation	2	Medium	Tulasi	16/06/2025	17/06/2025
	Development					Mohan		
Sprint-3	Model	TRAF -20	Model Tuning and Testing	3	High	Vedavathi	16/06/2025	17/06/2025
	Development							

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





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TRAF-1 Project Initialization and	d Planning		
▼ ☑ TRAF-2 Data Collection and Cle	aning		
☐ 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 ®		
☐ TRAF-10 Handling Outliers	DONE ®		
▼ Martin TRAF-3 Data Transformation and Transf	d visualiz		
■ TRAF-11 Handling Cate	то ро 🔞		
■ TRAF-12 Handling Imbal	то ро 🚳		
■ TRAF-14 Feature Scaling	то ро		
□ TRAF-15 Data Visualizati	то ро		
> TRAF-4 Model Development			
> TRAF-5 Model Deployment			











