Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	28 june 2025
Team ID	LTVIP2025TMID59815
Project Name	TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning
Maximum Marks	

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Fruits & Vegetables freshness	Removing rotten fruits and vegetables
FR-2	Accuracy	Accuracy of predicting the fruits and vegetables freshness
FR-3	User Satisfaction	Satisfaction of user with the accuracy of prediction

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system shall provide a simple, and user-friendly web interface that allows users with minimal technical knowledge to easily view freshness predictions.
NFR-2	**Reliability**	The system shall consistently provide accurate predictions under normal operating conditions.
NFR-3	**Performance**	The system shall deliver predictions within 2-3 seconds with good accuracy.
NFR-4	**Availability**	The system shall be available and operational at all times during demonstrations or real-time usage sessions.
NFR-5	**Scalability**	The system design shall allow for future scalability, including handling higher user traffic, supporting batch prediction.