

Project Design Phase 2

Solution Requirements (Functional & Non-functional)

Date	10 May 2023
Team ID	NM2023TMID15077
Project Name	Traffic Intelligence: Advanced Traffic Volume Estimation with Machine Learning

Functional requirements

FR No	Functional requirement	Sub requirement
FN-1	Builder build roads&bridges	new roads and bridges for rural and urban areas. Manage vehicle transportation.
FN-2	Job	accountability in job & can go office early
FN-3	Reduce accidents	control traffic effectively
FN-4	Education	attend classes in time

Non-Functional requirements

FR No	Non-functional requirement	Description
NFR-1	Usability	It can be used for several purposes like Education, road contracts, Employee.
NFR-2	Security	Authentication provided by API key, and encryption algorithm.
NFR-3	Reliability	Every user must be satisfied and reliable while using our model.
NFR-4	Performance	Traffic has been predicted with best accuracy.
NFR-5	Availability	This solution is easily available for each and every citizen in the country.
NFR-6	Scalability	It can be integrated with android, ios, Windows.