Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	Team-593144
Project Name	TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning
Maximum Marks	4 Marks

Example: DFD Level 0 (Industry Standard)
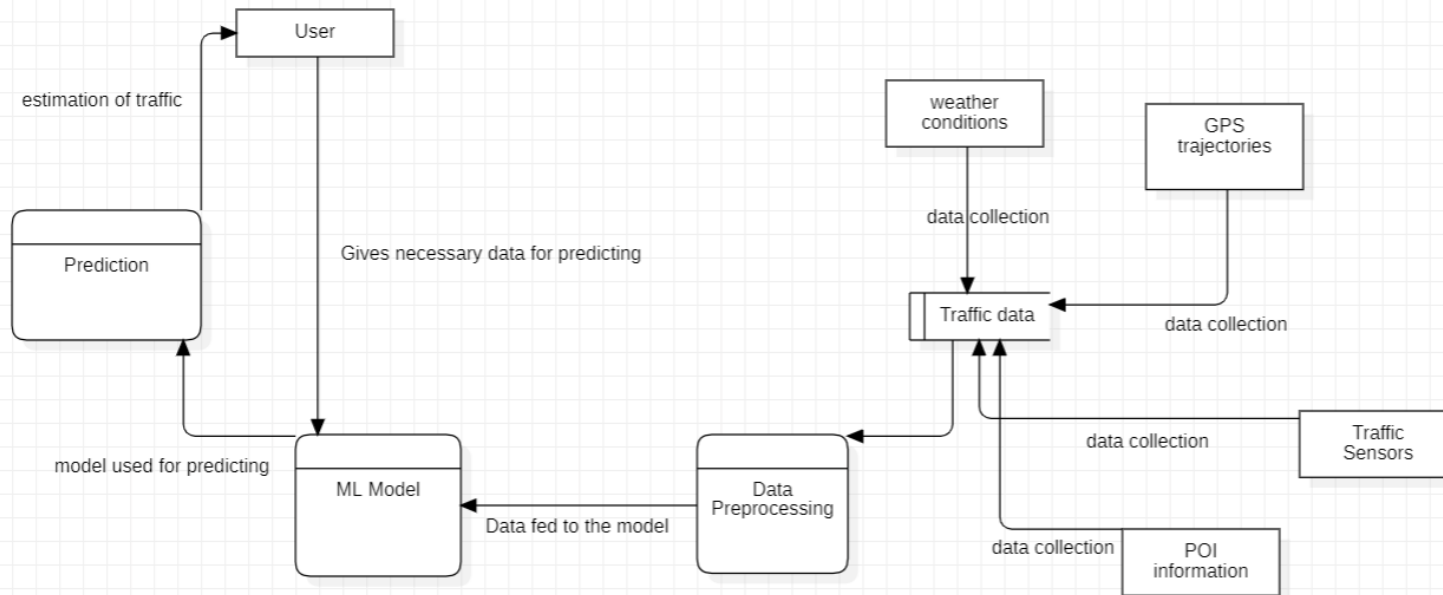
User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Administrator	Accurate traffic measurement and prediction	USN-1	As a government official, I want a system that can accurately measure and predict traffic volume at various locations, so I can make informed decisions regarding infrastructure development and traffic management.	I can access the volume of traffic at the locations needed	High	version-1
User		USN-2	As a commuter, I can receive real-time traffic updates and alerts on my mobile device, so I can plan my daily commute more efficiently and avoid severe traffic congestion.	I can receive traffic alerts as a notification	High	version-1
Officer	Traffic Rule Violation Identification	USN-3	As a traffic management officer, I need a tool that can identify violations of traffic rules, allowing us to take necessary enforcement actions to improve road safety.	I can capture the plate number of the vehicle that has violated the traffic rules	Medium	version-1
Developer	API for Integration	USN-4	As a software developer, I want access to a well-documented API that allows me to integrate traffic data into third-party applications or services, enhancing the accessibility of traffic information.	I can download API for integration to any software requirements	low	version-2
Official	Reporting and Visualization	USN-5	As a city official, I need the system to generate reports and visualizations that are easy to understand and share with the public, helping to increase awareness of traffic-related issues.	I can get reports of traffic related issues	low	version-2