

Project Design Phase-II

Data Flow Diagram & User Stories

Project Name: TrafficTelligence - Advanced Traffic Volume Estimation with Machine Learning

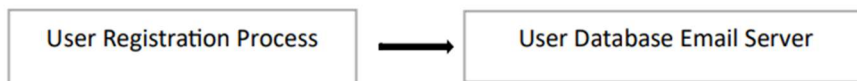
Team ID: 591643

Data Flow Diagrams: A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

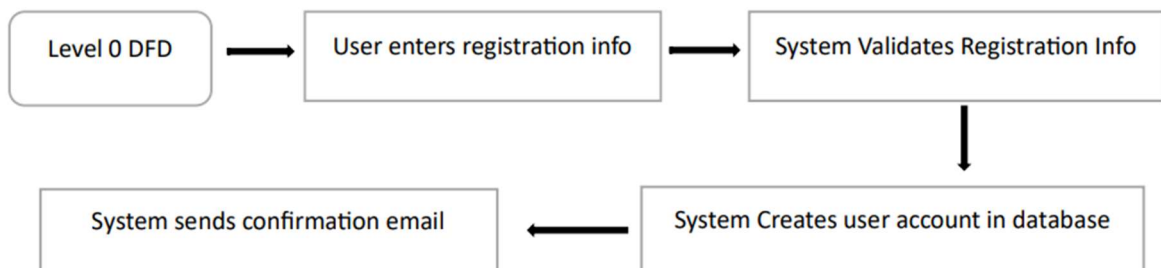
Representations of Data Flow Diagrams (DFDs) for User Registration, User Login, and Dashboard Access:

- Registration DFD

Level 0 DFD:

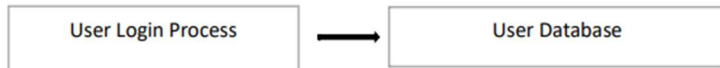


Level 1 DFD:



- Login DFD

Level 0 DFD:



Level 1 DFD:

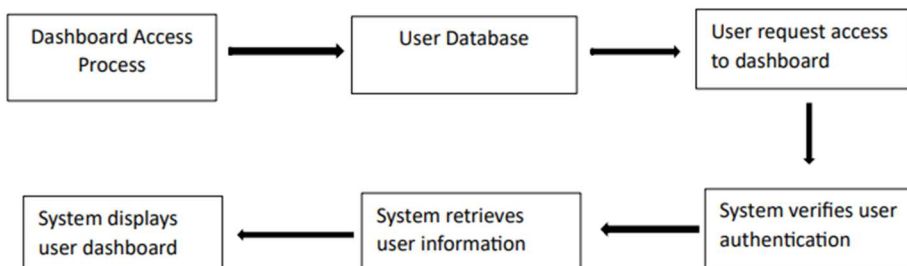


- Dashboard Access DFD

Level 0 DFD:



Level 1 DFD:



User Stories:

User Type	Functional Requirement (Epic)	User no.	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
Customer (Mobile user)	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
Customer (Mobile user)	Registration	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
Customer (Mobile user)	Registration	USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint-1
Customer (Mobile user)	Login	USW-5	As a user, I can log into the application by entering email & password	I can access my account / dashboard	High	Sprint-1
Customer (Web user)	Dashboard	USW-1	As a user, I can access the dashboard to view my profile information	I can view my profile information (name, email, contact details)	High	Sprint-1
Customer (Web user)	Dashboard	USW-2	As a user, I can access the dashboard to view my prediction results	I can view my prediction results (prediction score, risk factors)	Medium	Sprint-2
Customer Care Executive	Dashboard	USCE-1	As a customer care executive, I can access the dashboard to view user information	I can view user information (profile, prediction results)	High	Sprint-1