

Project Design Phase-II

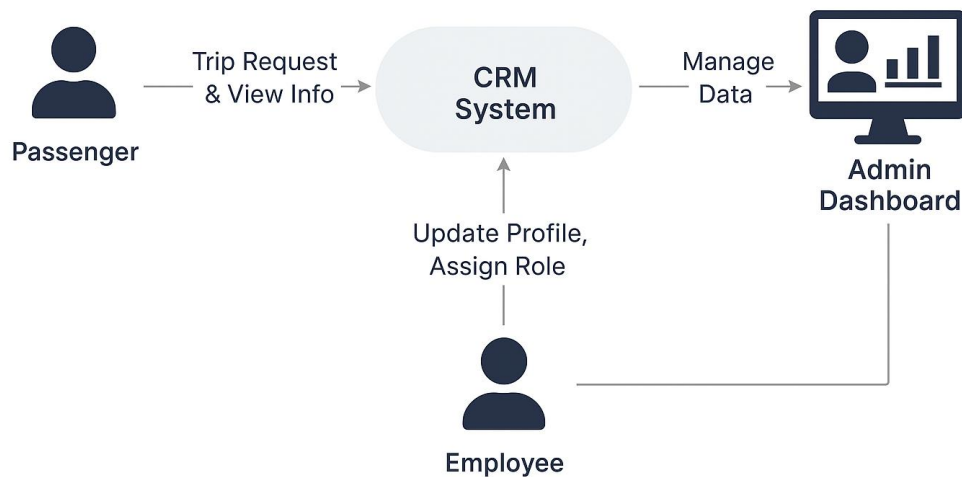
Data Flow Diagram & User Stories

Date	24 June 2025
TeamID	LTVIP2025TMID30215
Project Name	A CRM Application for Public Transport Management System
MaximumMarks	

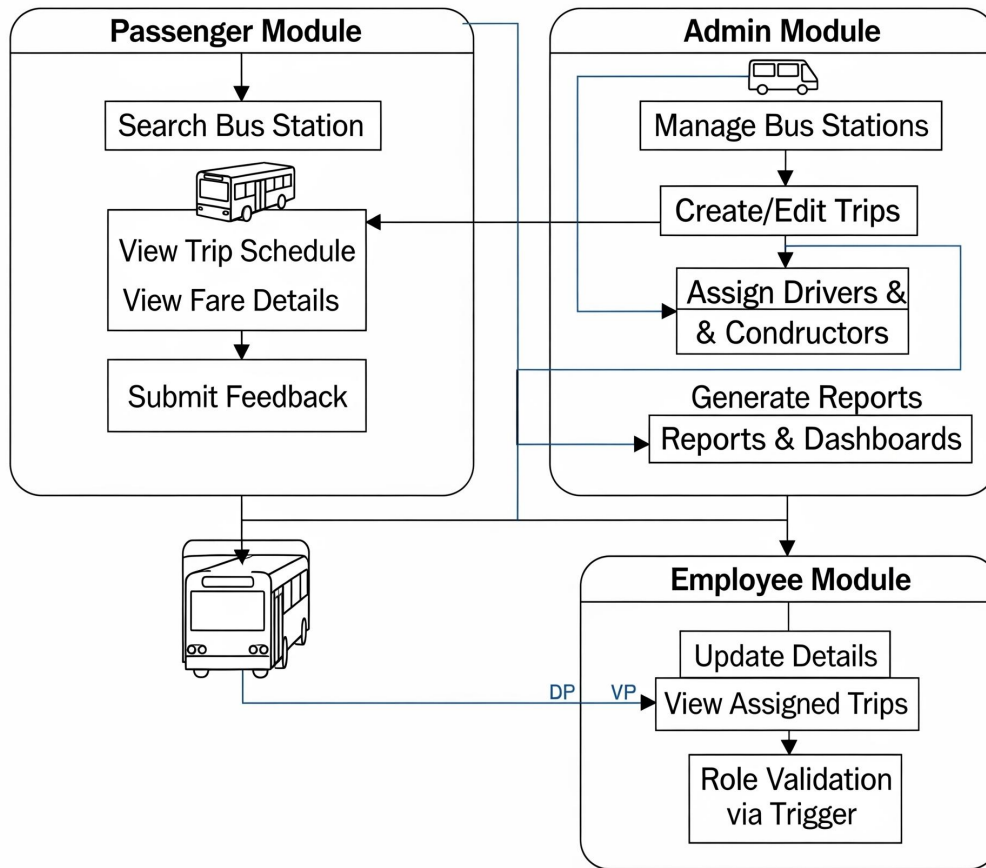
Data Flow Diagrams:

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.

DFD Level 0:



DFD Level 1



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Passenger	View Trips	USN-1	As a user, I can view available trips by date and route.	Trips are filtered by date/station.	High	Sprint-1
Passenger	View Fare	USN-2	As a user, I can view ticket fares for selected routes.	Fare is shown based on model/route.	High	Sprint-1
Admin	Manage Bus Stations	USN-3	As an admin, I can add and update bus	New stations can be created or edited.	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Admin	Create Trip	USN-4	station data. As an admin, I can schedule trips and assign buses.	Each trip is linked to a bus and route.	High	Sprint-2
Admin	Assign Roles	USN-5	As an admin, I can assign drivers and conductors.	Validation ensures correct role assignment.	High	Sprint-2
Admin	Dashboard & Reports	USN-6	As an admin, I can view trip summary and employee reports.	Graphs and tables are updated in real-time.	Medium	Sprint-3
Employee	View Assigned Trips	USN-7	As an employee, I can view the trips I'm assigned to.	Trip details show bus, route, time.	Medium	Sprint-3