Project Design Phase-II
Data Flow Diagram & User Stories

Date	08 October 2022
Team ID	PNT2022TMID35476
Project Name	Smart Solutions for Railways
Maximum Marks	4 Marks

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.
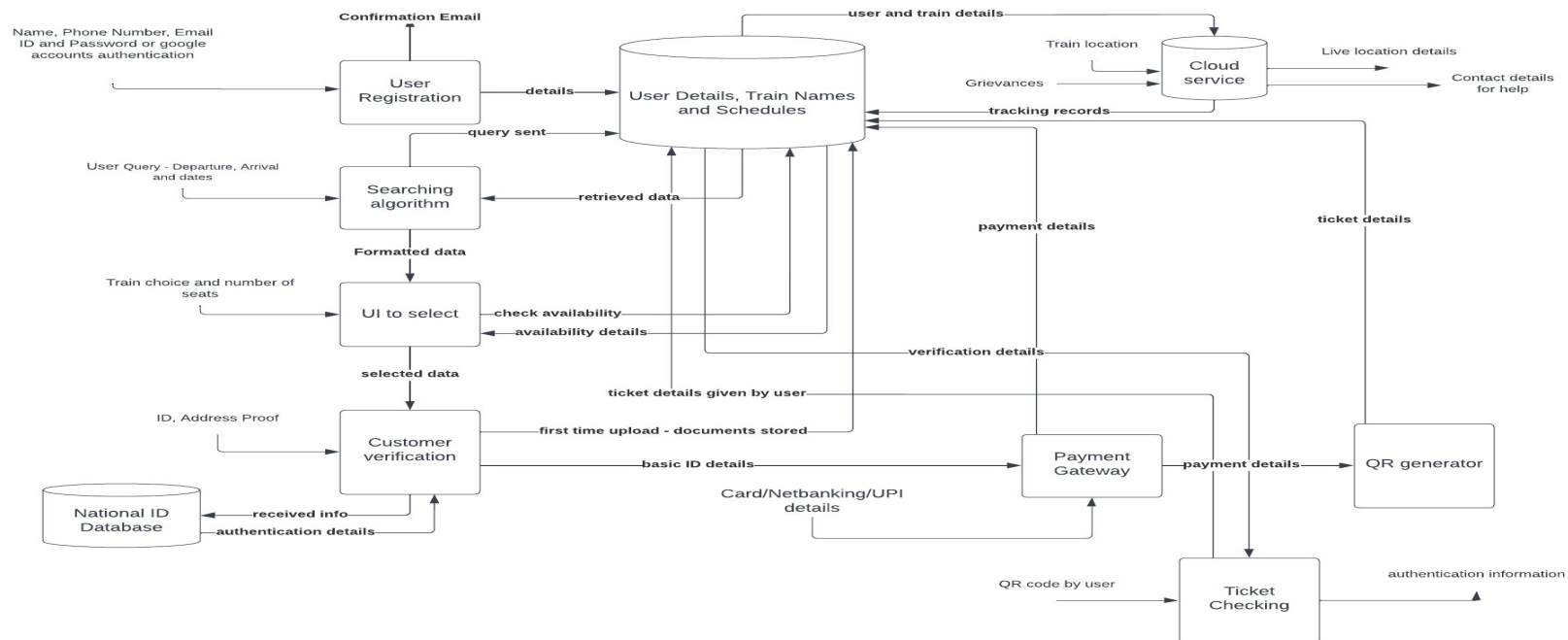
User Stories

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
Customer (Mobile user and web 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	
Customer (Mobile user and web 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	
Customer (Mobile user and web user)	Registration	USN-3	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Low	
Customer (Mobile user and web user)	Dashboard	USN-4	As a user, I can search for trains with my choice of place of departure and place of arrival.		High	
Customer (Mobile user and web user)	Dashboard	USN-5	As a user, I can select my choice of train based on a given date and availability.		High	
Customer (Mobile user and web user)	Uploads		As a user, I can upload the required documents once, and use them for all subsequent bookings.		High	
Customer (Mobile user and web user)	Payment		As a user, I can pay for the ticket after selecting it.	As a user, I will get a QR code on my phone and my mail which is to be shown in the train. I also get a confirmation mail.	High	
Customer (Mobile user and web user)	Dashboard		As a user, I can view my train status and updates in real-time.	I have access to train status tab.	Medium	
Customer (Mobile user and web user)	Feedback		As a user, I can raise immediate grievances during travel.	I have access to a helpline which gives answers to my queries at the earliest	High	
Customer (Mobile user and web user)	Amenities		As a user, I can order food and other basic amenities which will be available at certain train stations.	I get a confirmation on my email and phone, and the order is delivered on time.	Medium	

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user and web user)	Feedback		As a user, I can share feedback about my journey		Low	
TTR	Checking		As a user, I can check if the passenger has actually paid for the ticket and if he is in the right seat		High	
TTR	Checking		As a user, I can check the passenger documents without them having to bring it with them		Medium	
TTR	Emergencies		As a user, I can have immediate contact to the police, the driver and nearest hospitals		High	