Project Design Phase-II Data Flow Diagram & User Stories

Team ID	PNT2022TMID06025
Project Name	Smart Solutions for Railway
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

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User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Passenger	Online Registration	USN-1	As a passenger, I want to create a login credentials so I can securely access myself service online account.	Input data fields to enter: 1.Username/email 2.Password 3.Re-enter password 4.Security question 5.Security answer	High	Sprint-1
Passenger	Ticket Conformation	USN-2	As a passenger,I want to check my ticket whether it is conformed or not.	E-Ticket	Medium	Sprint-1
Passenger	Payment	USN-3	As a passenger,I want to pay my ticket cost in online payment.	Upi's like gpay ,phonepay,paytm	high	Sprint-2
Passenger	Booking Status	USN-4	As a passenger,I want to check my ticket once it is conformed.	E-Ticket	High	Sprint-3

Adminstrator	Updating Train Information	USN-5	As a Admin,I want to check the trains details like when will train reach stations and update Train information.	Train Details	High	Sprint-1
Ticket Collector	Verifing Tickets	USN-6	As a TC,I want to check the users whether he/she have tickets or not with scanning the QR Code	QR CODE	High	Sprint-4
Passenger	Knowing Current Location details	USN-7	As a Passenger,I want to know the train current location.	GPS of train	Medium	Sprint-4