

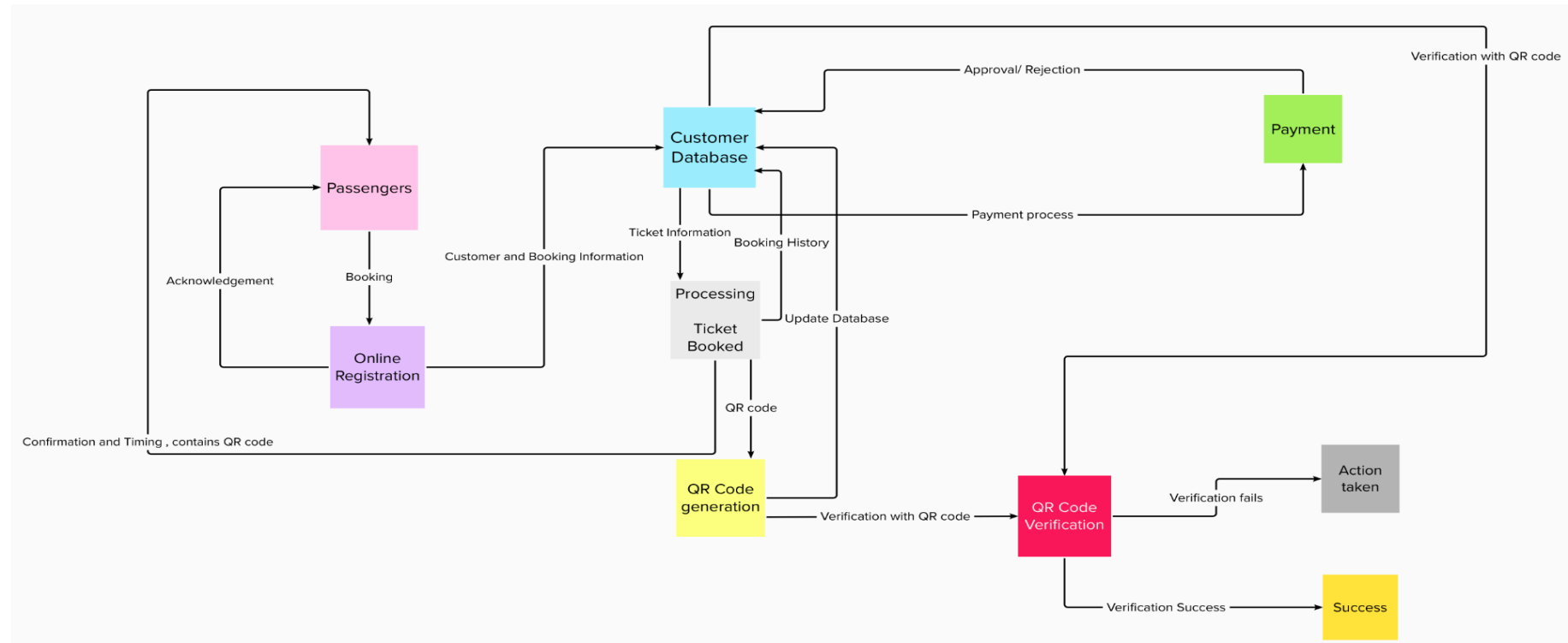
Project Design Phase-II Data Flow Diagram & User Stories

Date	24 October 2022
Team ID	PNT2022TMID18193
Project Name	Smart Solution 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.

Data Flow



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
Passenger	Online Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	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 Confirmation	USN-2	As a user, I book ticket for onboarding and QR code is sent to the registered mail ID after payment	E-Ticket	High	Sprint-2
Passenger	Payment	USN-3	As a user, I can make payment via smart online payment	Upi's like gpay, phonepe, paytm	High	Sprint-2
Passenger	Booking Status	USN-4	As a user, I can verify the ticket once the booking is confirmed	E-Ticket	Medium	Sprint-1
Passenger	Login	USN-5	As a user, I can log into the application by entering email & password	E-Ticket	Low	Sprint-2
Passenger	Dashboard	USN-6	As a user, I can see my details displayed in dashboard in the applications	E-Ticket	Low	Sprint-3
Ticket Collector	Verifying tickets	USN-7	As a TTE, I should verify the tickets in order to find fraudulent passengers from the legal users.	QR code	High	Sprint-2
Administrator	Updating train information	USN-8	As an administrator, I want to update the train details and location of the train and also the seat availability.	Train Details	High	Sprint-1
Passenger	Know current locations	USN-9	As a passenger, I want to know the current location	GPS	Medium	Sprint-3
Passenger	Setting alarm when reaching destination	USN-10	As a passenger, I want to set an alarm when I reach my destination.	GPS	Medium	Sprint-2