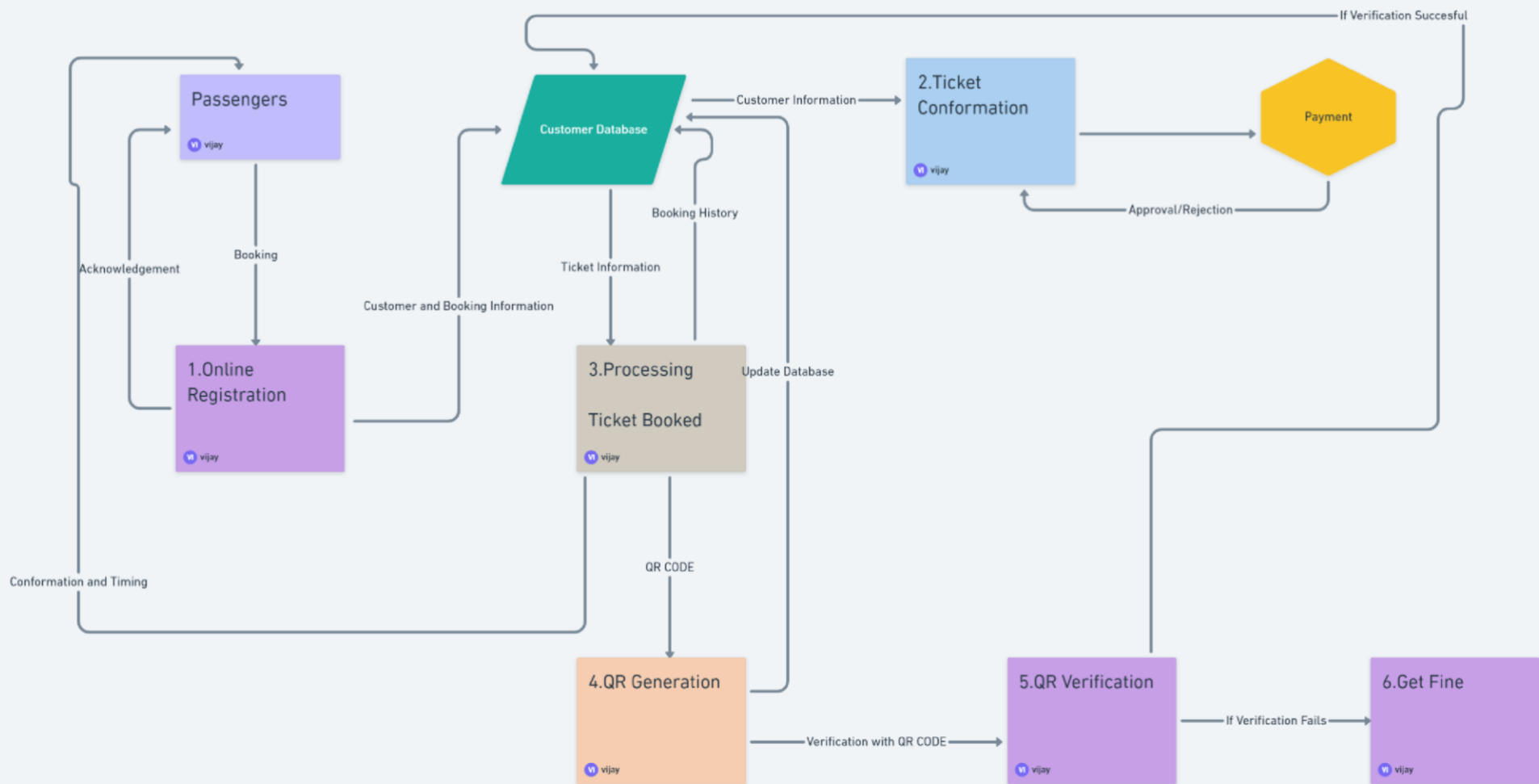


**Project Design Phase-II Data Flow
Diagram & User Stories**

| | |
|---------------|-----------------------------|
| Date | 19 November 2022 |
| Team ID | PNT2022TMID47138 |
| 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

| 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 |