

Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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.

Example: [\(Simplified\)](#)

STEP:1:

The work here starts during the first time installation of our application where the user has to sign up. During the sign up the basic customer details have been collected and it will be stored into MySQL database. So every time the user buys the ticket the QR CODE is printed for using their needs like food, wifi, sanitary needs. Then the information stored here are coded with MySQL database. These information are collected for their security and to satisfy their needs. In this mobile application user name is set as the mobile number (or) mail-ID. On the other hand user have the account already they will automatically get signed in when they book the ticket. Thus the user can use different android phone. The above information will be sent to server with the help of internet source.

STEP:2:

The passenger scan the QR CODE for accessing the source what is needed like eatables (eg :chips packet) then they will select the packets they needed. Then the user is directed to the payment option. i.e. the balance that can be generated to their account and displayed in the mobile phone

STEP :3:

Once the customer click on the button a code in the railway server validates the pin & Barcode number railway server validate this information till the end of the destination place

STEP :4:

The code on the server side generates the time of buy manufacture date expiry date. The ticket number in the the signup and saved in the application memory which serves as a ticket for the user.

STEP :5:

In this module the checker in the app enter te ticket number and the amount of paymaent and date of the ticket

Data Flow Diagram:



