

Project Design Phase-II Data Flow Diagram & User Stories

Date	24 October 2022
Team ID	PNT2022TMID37863
Project Name	Project – Smart Solution for Railways
Maximum Marks	4 Marks

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (web user)	Registration	USN-1	As a user, I can register for the website by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		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	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can access my account / dashboard	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access my account / dashboard	High	Sprint-1
	Dashboard	USN-6	As a user, I can search the trains and seat availability.	I can see the booked tickets	High	Sprint-2
	Booking the Tickets	USN-7	As a user, I can book the train ticket according to my preference.	I can upload my details to fill the form for ticket booking	High	Sprint-2
	Tracking the Train	USN-8	As a user, I can track the location of Train.	I can access the arrival time to my boarding	High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile 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	Sprint-1
		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	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application by entering my mobile number and verifying it via OTP.	I can register & access the dashboard.	High	Sprint-1
		USN-5	As a user, I can register for the application through Gmail.	I can access my account / dashboard	Medium	Sprint-1
	Login	USN-6	As a user, I can log into the application by entering email & password.	I can access my account / dashboard	High	Sprint-1
	Dashboard	USN-7	As a user, I can search the trains and seat availability.	I can see the booked tickets	High	Sprint-2
	Booking the Tickets	USN-8	As a user, I can book the train ticket according to my preference.	I can upload my details to fill the form for ticket booking and get the QR code for it.	High	Sprint-2
	Tracking the Trains	USN-9	As a user, I can track the location of Train.	I can access the arrival time to my boarding	High	Sprint-3
Customer Care Executive	Customer service	USN-1	As a Customer Care Executive, I can help the customers by solving their queries via chat.	I can access the Help forum.	Low	Sprint-4
Train Ticket Examiner	Registration	USN-1	As a TTE, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
(TTE- Mobile user)						
		USN-2	As a TTE, I will receive a confirmation email once I have registered for the application.	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a TTE, I can register for the application through Facebook..	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a TTE, I can register for the application by entering my mobile number and verifying it via OTP.	I can register & access the dashboard.	High	Sprint-1
		USN-5	As a TTE, I can register for the application through Gmail.	I can access my account / dashboard	Medium	Sprint-1
	Login	USN-6	As a TTE, I can log into the application by entering email & password.	I can access my account / dashboard	High	Sprint-1
	Dashboard	USN-7	As a TTE, I can access my dashboard showing me verified tickets.	I can see the verified and non-verified tickets.	High	Sprint-2
	Ticket Verification	USN-8	As a TTE, I can verify the tickets by scanning the QR code shown by the passenger.	I can verify the Passenger's ticket.	High	Sprint-2

DATA FLOW DIAGRAM:

