Project Design Phase-II
Data Flow Diagram & User Stories
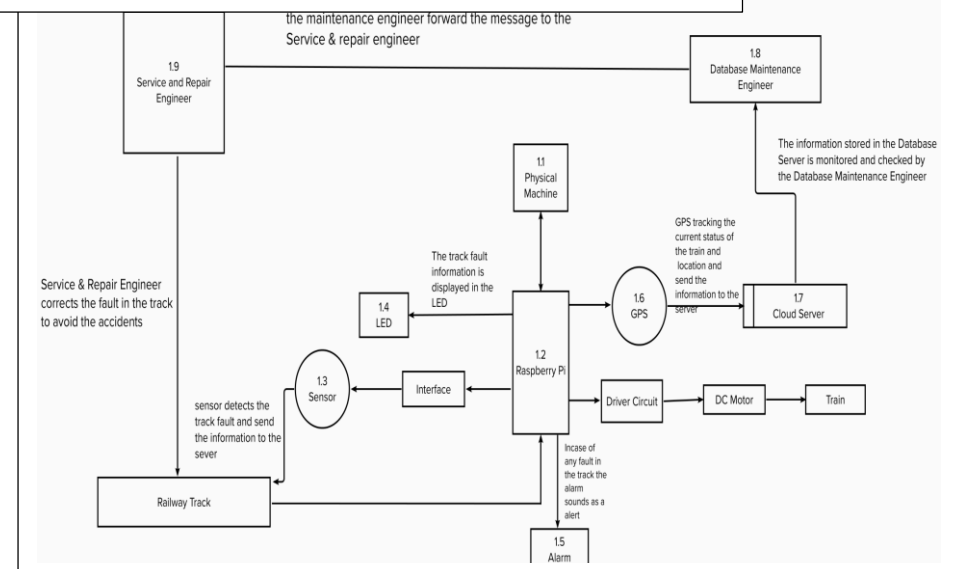
Date	12 October 2022
Team ID	PNT2022TMID48351
Project Name	Project – Smart Solutions for Railways
Maximum Marks	4 Marks

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.

Reference: https://app.mural.co/embed/e9f07ee5-972e-4337-8a09-fc9263590caf

Example: DFD Level 1

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 (Mobile user)	Registration	USN-1	As a passenger, I can book my ticket through the application or in direct way at the station so that I can able to travel in the train.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a passenger, once I had book my ticket so that, I will receive confirmation email or messages	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a passenger, I can book for the Ticket through Link given in the Facebook, so that I can able to book my ticket.	I can book & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a passenger, I can book the ticket through QR code in the booking station so that I can book my ticket.	I can book and receive message for the confirmation.	Medium	Sprint-1
	Login	USN-5	As a passenger, I can log into the application by entering email & password, so that I can enter into the login page.	I can enter into the login page by using email and password.	High	Sprint-1
	Dashboard	USN-6	As a passenger, I can click the link to open the ticket booking page so that I will enter the username and password to redirecting to the login page.	I can check whether the ticket was booked or not.	Medium	Sprint-2
Database Administrator	Track the location	USN-7	As an administrator, I want to check whether the train is in current location and time so that I can able to predict some accidents.	I can able to safeguard of things	Medium	Sprint-2
Railway Division Manager	Digitalized	USN-8	As a railway division Manager, I can enhance the railways to be digitalized so that I able to make passengers comfortable.	I can able to make travellers feel comfortability and easy accessible.	Low	Sprint-2
Railway Maintenance Engineer	Repairs and Service	USN-9	As a railway maintenance engineer, I want to maintain the tracks, so that I can repairs and service the tracks.	I can able to avoid accidents due to track faults.	High	Sprint-1