Project Design Phase-II Data Flow
Diagram & User Stories

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Date	26 October 2022
Team ID	PNT2022TMID35177
Project Name	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.
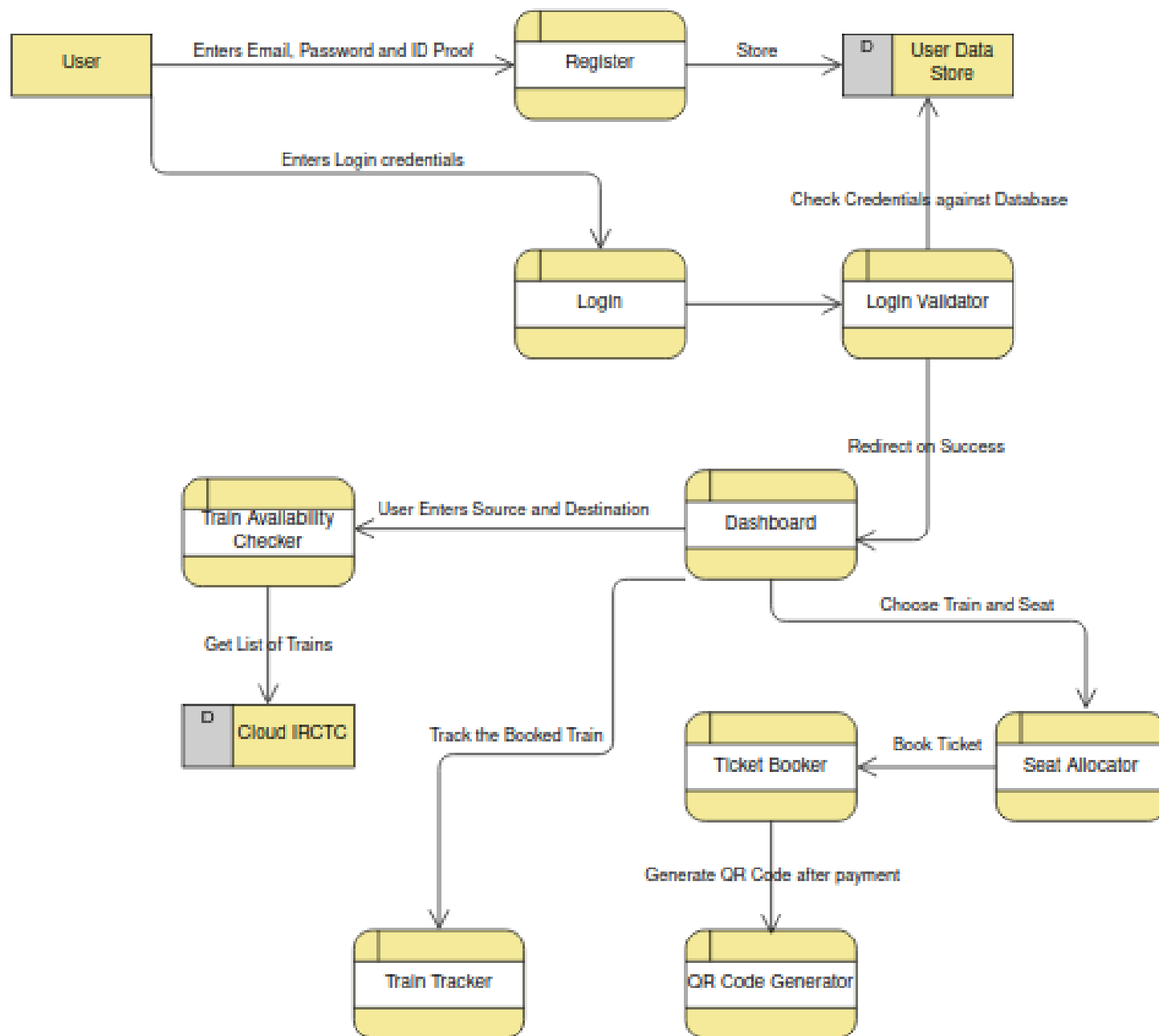
Flow Diagram
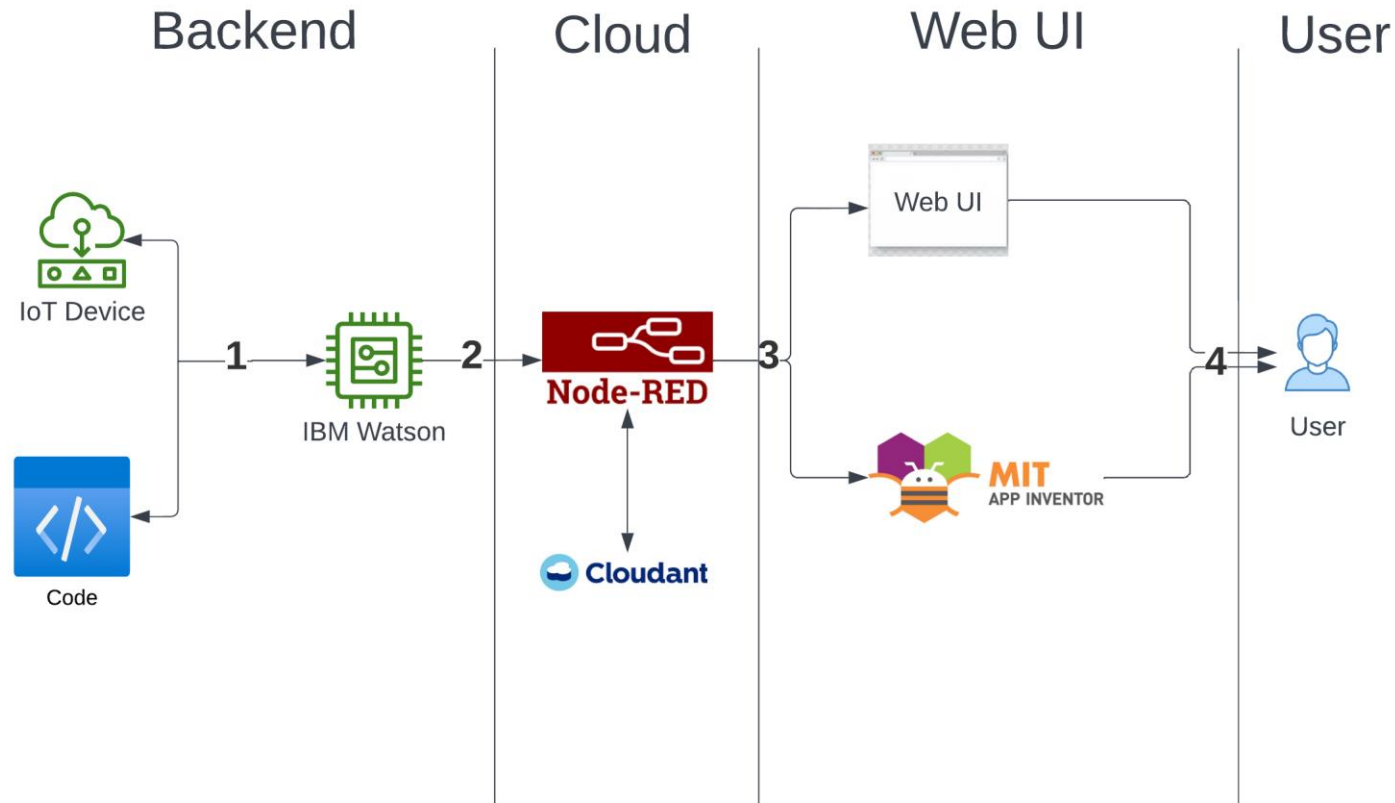
1. Sending sensor data to IBM Watson.
2. Storing data in Cloud using Cloudant.
3. Sending the stored data from Cloud to User Interface created.
4. Displaying the interface to the User.

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
Customer (Mobile/Web user)	UI	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
Customer (Mobile/Web user)	Login	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
Customer (Mobile user)	Booking tickets	USN-3	As a user, I can register for the application and enter the details for reserving the ticket.	I can view, modify the details	High	Sprint-2
Customer (Web user)	Booking tickets	USN-4	As a user,I can enter my details to book train tickets	I can book tickets and receive a QR code	High	Sprint-2
Customer (Mobile user)	Dashboard	USN-5	The details of the particular user are displayed along with previous and current ticket booking history	I can change the information when required	Medium	Sprint-3
Customer Care Executive	Helps users resolve queries and gives them better user experience		Makes sure proper service is provided to all the users	Has privilege to report queries of users to the respective teams that built a particular service of the application	Medium	Sprint-4
Administrator	Administers the working of the application		The data provided by users are monitored by admins.	Can make modifications to data provided by users	High	Sprint-1