

Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID37886
Project Name	Smart Solutions For Railways
Maximum Marks	4 Marks

Data Flow Diagram:

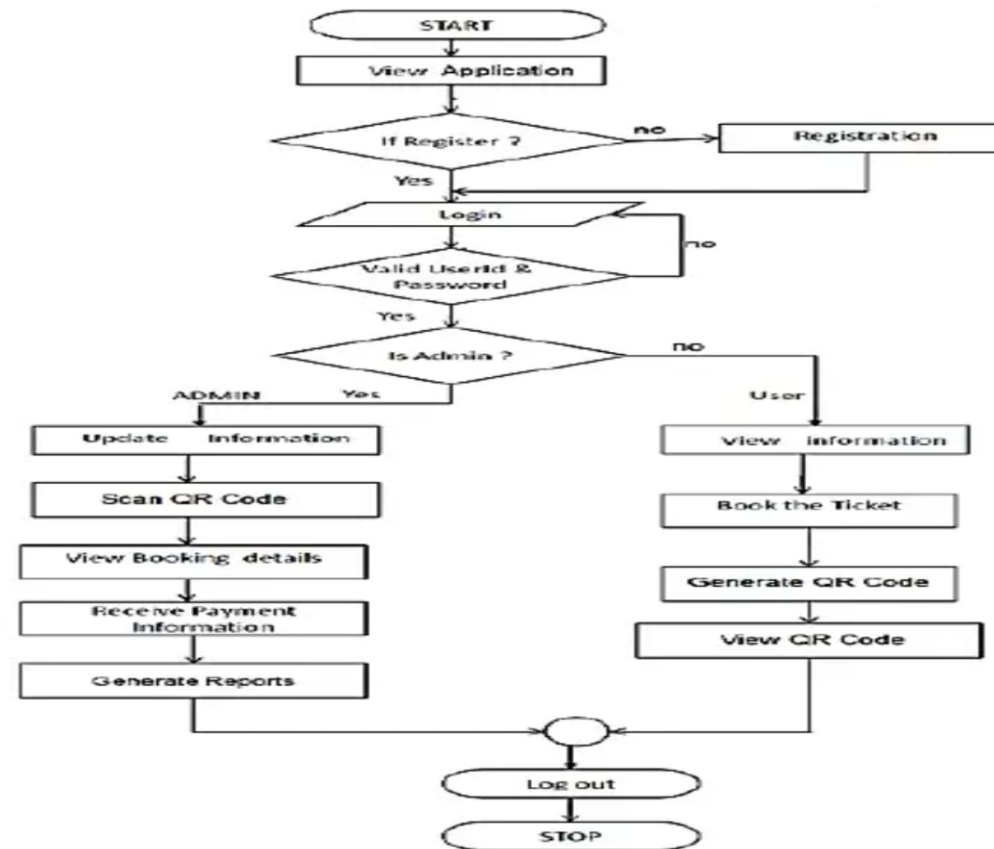


Figure 1 : Flowchart of the System(simple)

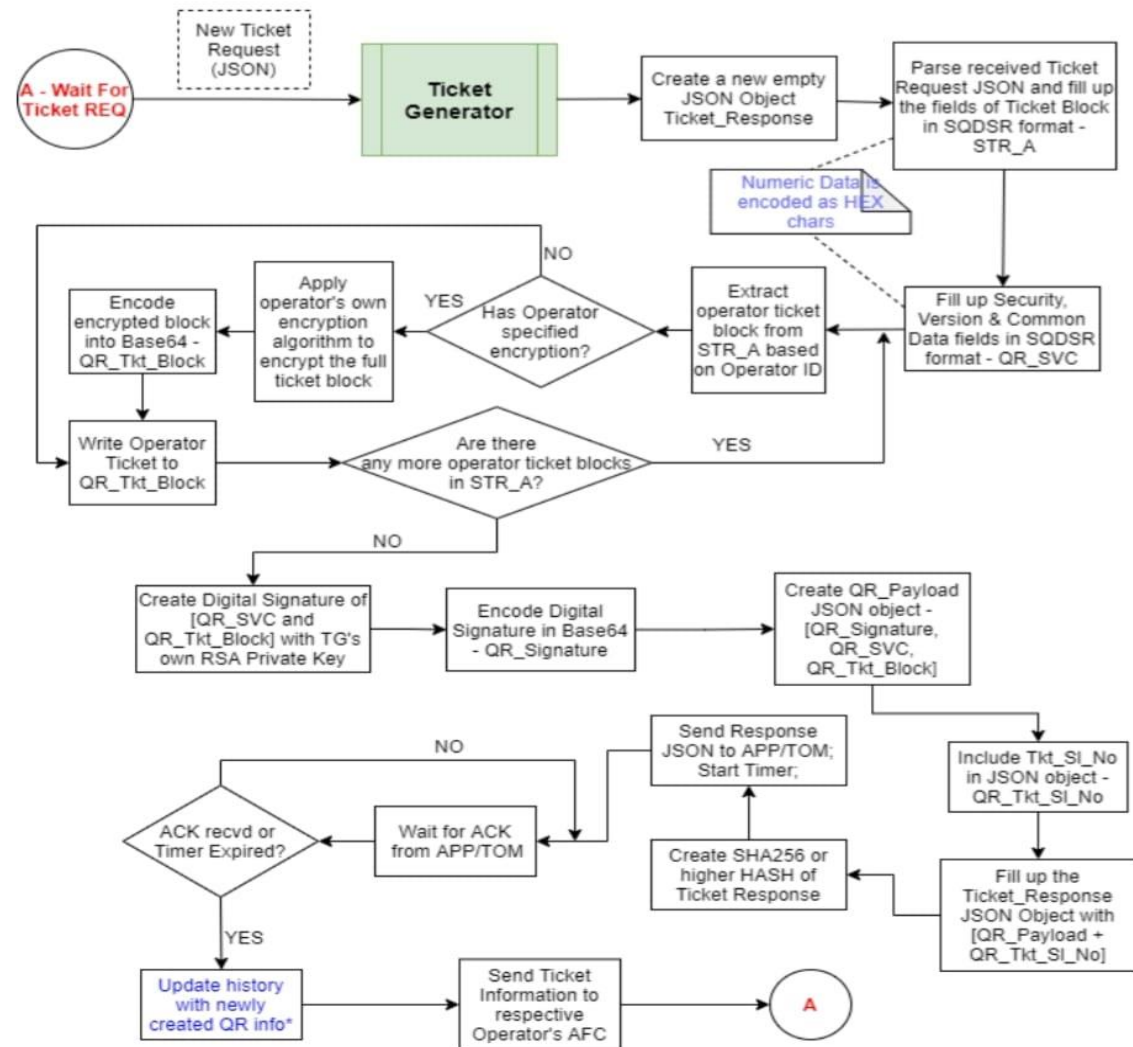


Figure 2 : QR Ticket Generation Flowchart

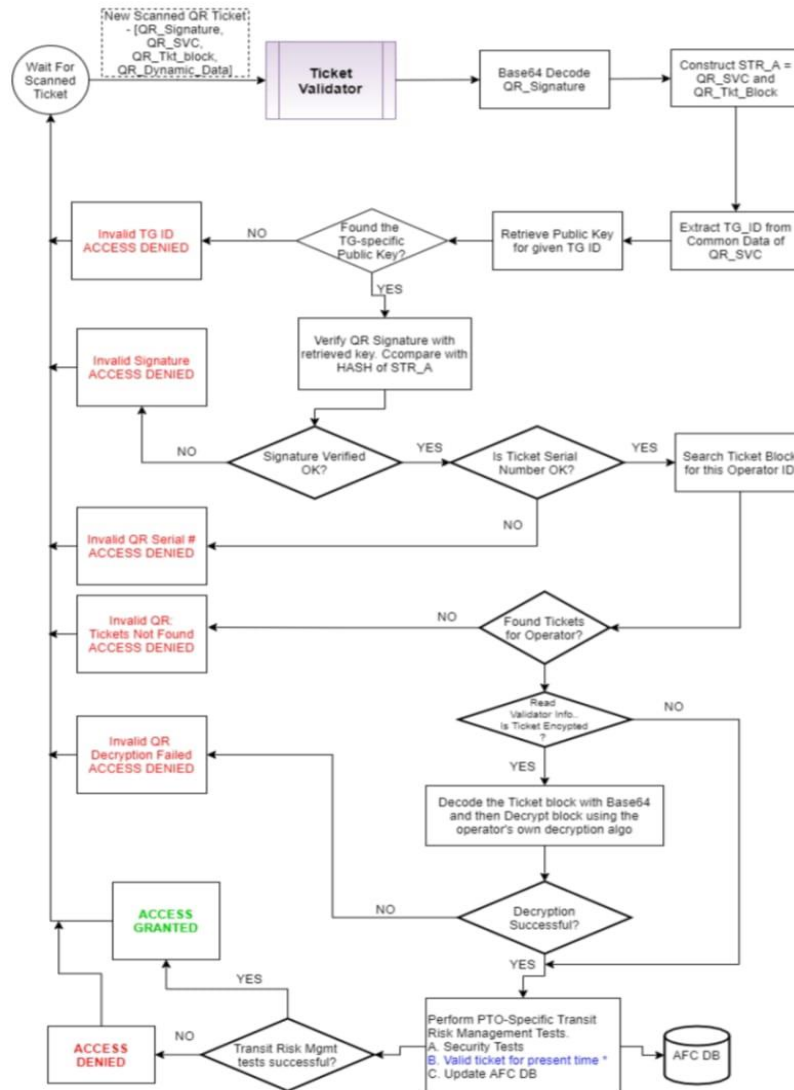


Figure 3 : QR Code Validation Flowchart

User Stories

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 Gmail, 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 phone number	I can register & access the dashboard with phone number Login	High	Sprint-1
		USN-4	As a user, I can register for the application through email		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	As a user , I can select train live location option through Dashboard	I can access the live location of the train/Dashboard	High	Sprint-1
		USN-7	As a user , I can select ticket booking option through Dashboard	I can receive booking confirmation & QR ticket	High	Sprint-1
Customer (Web user)	Registration	USN-8	As a user , I can register for the application by entering my email,password	I can access my account/ dashboard	High	Sprint-1
Ticket collector / Station master	Ticket Validation	USN-9	As a ticket collector , I can able to validate QR based tickets with scanner	I can validate tickets	High	Sprint-1
Administrator	Database	USN-10	AS a admin, I can able to maintain the server and database	I can Store& retrieve data	High	Sprint-1