| Date | 16 October 2022 |
|---|---|
| Project Name | Smart Solutions for Railways |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams:**
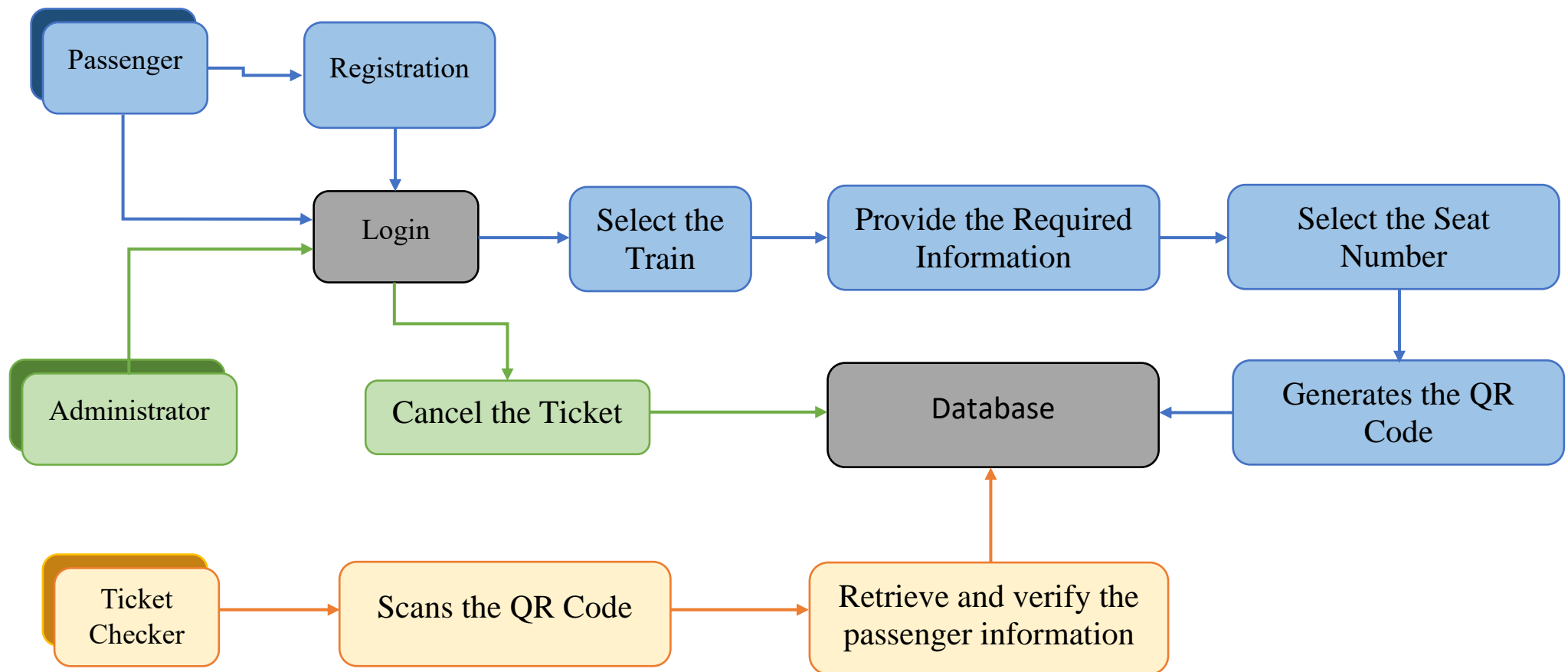
**User Stories**

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|---|---|---|---|---|---|---|
| Passenger | Registration | USN-1 | As a Passenger, 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 Passenger, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |
| | Login | USN-3 | As a Passenger, I can log into the application by entering email & password | I can access my account / dashboard | High | Sprint-1 |
| | Books Ticket | USN-4 | I can select the Train and the train route to be travelled. | I can see the Train Name and Its route in the form. | Medium | Sprint-2 |
| | | USN-5 | I provide the basic details such as name, age, mobile number, etc. | I can see the Basic Information in the form. | High | Sprint-2 |
| | Selecting the Seat | USN-6 | After providing the basic information, I can select the desired seat I wanted if it is in available state. | I can see that the seat is selected for booking. | Medium | Sprint-2 |
| | QR Code Generation | USN-7 | At last the QR Code is generated which contains the unique id through which the passenger information can be retrieved. | I can receive the QR Code which I can be screenshotted. | High | Sprint-2 |
| | Tracking the location of Train | USN-8 | As a Passenger, I can track the exact current location of the train. | I can view the exact location of the train. | Medium | Sprint-4 |
| Administrator | Login | USN-9 | As a Administrator, I can log into the application by entering email & password | I can access my account/ dashboard | Medium | Sprint-3 |
| | Cancel the Booking | USN-10 | As a Administrator, I can Cancel the Ticket if the information of the passenger is inappropriate. | I can receive confirmation message about the cancellation of the ticket. | Low | Sprint-4 |
| Ticket Checker | TTR Verifies the Passenger | USN-11 | As a Ticket Checker, I can scan the QR Code shown by the passenger. | I can see the passenger information in application. | High | Sprint-3 |
| | | USN-12 | As a Ticket Checker, I can verify the passenger using the information that displayed after scanning the QR Code. | I can verify that the passenger information is matching with the information shown by the QR Code. | High | Sprint-3 |