**ONLINE RAILWAY RESERVATION SYSTEM**

**Synopsis:**

This system is designed for the online reservation of railway tickets for travel between any destinations which is a part of Pakistan Railway network. This system will include all the basic functionalities related to Railway Reservation System like Train details, ticket reservation, ticket cancellation, payment details, reservation details & etc.

**Technologies used:**

**Frontend:**

* Angular.

**Backend:**

* Core Java 11, Spring Boot (Microservices, Spring MVC, Rest API, Spring Security).

**Database:**

* MongoDB.

**Roles Identified:**

* Admin
* User
* Search

**Modules Identified:**

* Admin Module
* User Module
* Booking Module
* Train Information Module
* Payment Module

**Microservices Architecture:**

**Backend**

**MongoDB**

**Frontend Angular**

**Eureka Server**

**Swagger UI**

**Microservices**

**Database**

**Train-Info Service**

**Screen – 1**

**User**

**Database**

**Booking Service**

**API**

**GATEWAY**

**Database**

**User service**

**Screen – 2**

**Admin**

**Security**

**(using JWT)**

**Database**

**Admin Service**