**Project Title: Travel Application**

**Technology Stack**

* Spring
* Spring Boot
* JUnit
* Thymeleaf
* Hibernate ORM
* MySQL
* Embedded Tomcat Server

**Implemented Features**

**User Authentication**

Implemented a login form with two types of authentications - one for users and another for admin.

**User Interface**

For users, a welcome page is created with fields for start destination, end destination, and number of persons travelling. Upon clicking next, users are directed to a page where they can select a car based on available seats. After selecting a car, users are directed to a payment page where the total bill is displayed. Upon booking, users are redirected to an orders page displaying all their bookings. There is also a logout link in the navigation bar which redirects users to the login form.

**Admin Interface**

For admins, there are four navigation links. Admins can book a cab and view all bookings. Admins have additional features to add a driver, add a car, read the details of a driver or a car, delete a car, or delete a driver. There is also a navigation link for admins to view all orders booked in the application. Like users, admins also have a logout link in the navigation bar which redirects them to the login form.

**Database Schema**

The database schema consists of seven tables: Cars, Drivers, Cities, Distance Matrix of Cities, Users, User Authorities, and Orders.

**REST API Endpoints**

Created REST API endpoints using Spring Boot. Both users and employees can access these API endpoints.