Axis Java FSD B8 - Internal Project 1

Synopsis

Name : Arvinth L	**Date :** 16-09-2022
Project Guide : Kumaresh Gupta	**Project Type :** Internal Project 1

Project Title : Tour Management System

Project Definition/Vision: Tourism Management System is an integrated software developed for tourism business. .It is a dynamic and responsive system and it addresses the challenges of managing the records ,missing records due to human errors. The purpose is to build a system that performs all operations related to travelling, booking, sightseeing. This system gives a variety of travel services.
Motivation/Reasons behind selecting the topic: The real reason behind selecting this topic is to give seamless experience to passengers travelling around the world. Nowadays a lot of young professionals showing keen interest on travelling for exploring the nature and beautiful sceneries around India and the World.
Proposed Solution: A website which manages all the bookings made by the client and detailed information about the tours packages which was booked. Thus it simplifies the process by saving our time and effort manually.
Functional Requirements: 1.Analysing clients booking preferences 2.Predicting if there is any pattern in the booked time
Non-Functional Requirements: 1.Website should be easy to use by any person. 2.The website should be easy to navigate and get details.
Expected Reports/Results: A Fully functional website that manages all the bookings made by each and every client. Thus it will help tour managers to control and handle the tour related activities effectively and efficiently.

Technologies	Tools
(Back-End) **Java, Spring Boot Microservices, MY-SQL/MongoDB/H2 Database**	**IntelliJ Idea, Postman, MY-SQL/MongoDB/H2 Database**

(Front-End) **HTML CSS JS/ React JS/Bootstrap**	

Database Requirements:

Tour service: tour_id, tour_name,tour_cost,tour_days

Customer Service:customer_id,customer_name,customer_email,customer_phone,customer_city, customer_state,customer_country.

Bookings Service:Booking_id,Booking_number,Booking_status,customer_id,tour_id

Guide Remarks (if any) :