MAJOR / MINOR PROJECT ABSTRACT [Form – 1] (YEAR - 20 ___)

NAME OF LAB COORDINATOR: Ms. Priyanka Yadav

TITLE OF PROJECT: Comprehensive Travel Planning Platform

PROJECT TRACK: (Tick the appropriate one / ones)

1. R&D (Innovation)	2. CONSULTANCY (Fetched from Industry)	3. STARTUP (Self-Business Initiative)	4. PROJECT POOL (From IBM / INFOSYS)	5. HARDWARE / EMBEDDED

BRIEF INTRODUCTION OF PROJECT:

The project aims to develop a user-friendly travel planning platform for
option city of feature AI-driven trip calculator city guide with
images and reviews and personalized itenary planning. The system
multipurpose small case web authentication using JWT and ensure responsive design

TOOLS / TECHNOLOGIES TO BE USED:

NAME OF TOOL / TECHNOLOGY	VERSION	SOFTWARE / HARDWARE	PURPOSE OF USE
React-Js (Html, CSS)	Html5, CSS 3	Software	Frontend development and Responsive UI
Spring boot, OpenAPI, JWT	3.4.0	Software	Backend development API Generation
MongoDB	8.0.4	Software	Database management
Java	20.0.1	Software	AI-based Trip Calculator

PROPOSED PROJECT MODULES:

NAME OF MODULE	PROPOSED FUNCTIONALITY IN PROJECT
Frontend state webpage	Holds all the features, UI and data of webpage
City and Spot information	Display detailed guides reviews and images of cities
User authentication module	Permit user login/signup using JWT bandouts.
Admin management module	Enable admin to manage city/Spot data and monitor.
AI trip Calculator	Suggest personalize itenaries and estimate trip cost.
Profile management	Allow users to update profile and manage saved trips.

TEAM MEMBER DETAILS:

STUDENT NAME	CLASS & GROUP	MOBILE No.	EXPERTISE AREA	ROLE IN PROJECT
Ritesh sahu	IT - G 4	7878881670	Frontend & Backend	Frontend & Backend (API)
Sachin Kumar	IT - BG 1		Database / Testing	Database Information collection and testing.

NOTE: 1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.

2. Students must keep a Xerox copy of this form as reference for project work and attach it to final report.