MAJOR / MINOR PROJECT ABSTRACT [Form – 1] (YEAR - 2024-25)

NAME OF LAB COORDINATOR: Mr Nikhar Bhatnagar

TITLE OF PROJECT: Design and Implementation of work Planner

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 work planner is an advanced task and project management system build to facilate collaboration between managed and team members. It is a cloud based tool in which manager can assign & approve tasks while tracking their teams progress whereas team members can access their tasks & track their progress of assigned task & work on it.

TOOLS / TECHNOLOGIES TO BE USED:

NAME OF TOOL / TECHNOLOGY	VERSION	SOFTWARE / HARDWARE	PURPOSE OF USE
Cloud Platform (Aws, Saleforce)	latest	Software	Hosting, storage & cloud based management
Autonomous Database	230i	Software	manage database provisioning
frontend (HTML, CSS, JS)	5,3, ES7	Software	Building UI
Java , API - Restful	SE11 latest	Software	Interaction b/w frontend & Backend

PROPOSED PROJECT MODULES:

NAME OF MODULE	PROPOSED FUNCTIONALITY IN PROJECT
manager module	Add team member, assign task, approve task & task progress
Team member module	Propose task, view approve task & update task progress
Cloud Deployment	Host the application for scalability & security
Project Management	Organize task by project & team member for streamlit track
API & Backend	Manage task assignment, progress report & integrate project module
Machine Learning	Implement ml algo for task progress tracking

TEAM MEMBER DETAILS:

STUDENT NAME	CLASS & GROUP	MOBILE No.	EXPERTISE AREA	ROLE IN PROJECT
Rishabh Jain	7JTB-G1	8441829672	ML, Python	Implement ML
Mohit Agarwal	7JTB-G1	8233352621	frontend, Cloud	Build interactive UI
Param Soni	7JTB-G1	7996557914	Java, Backend	Backend management

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.