MAJOR / MINOR PROJECT ABSTRACT [Form – 1] (YEAR - 2024-29)

NAME OF LAB COORDINATOR: Mrs. Priyanka Yadav

TITLE OF PROJECT: Web-based mail-client

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:

A web-based mail client is an application that allow users to send, recieve, and manage email through a web browser. It eliminates the need to install email software, it accessible from any device.

TOOLS / TECHNOLOGIES TO BE USED:

NAME OF TOOL / TECHNOLOGY	VERSION	SOFTWARE / HARDWARE	PURPOSE OF USE
HTML, CSS, Javascript	HTML -5,3		To create Responsive interface(UI)
Python, PHP, Node Js, Ruby	3.9		Manage user authentication
SMTP, IMAP, POP3, SQL	RFC 3501		Allow user to send, recieve emails
TSL, SSL, API	7.x		Protect user data & details

PROPOSED PROJECT MODULES:

NAME OF MODULE	PROPOSED FUNCTIONALITY IN PROJECT
User Authentication Modu	Handles user login, logout & Regis.
E-mail Management Module	Fetches and displays email from server
E-mail Composer Module	Allows users to compose, edit & send
E-mail search and filter Mod	Search bar with Auto complete
Spam detection	Filters phishing and suspicious emails
Notification Module	Alert users about scheduled events

TEAM MEMBER DETAILS:

STUDENT NAME	CLASS & GROUP	MOBILE No.	EXPERTISE AREA	ROLE IN PROJECT
Anushka Sharma	VII-IT-AG₁	8946910027	Front-End	Database Management
Abhudaya Amit	VII-IT-AG₁	7023470019	Back-End	Development, Deployment

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.