MILESTONES AND ACTIVITY LISTS

PROJECT NAME: Skill / Job Recommender Application

TEAM ID:PNT2022TMID27099

PREREQUISITES:
➔Python IDLE
➔Flask
➔IBM Cloud
➔Docker

1.IDEATION PHASE

➔Literature Survey

➔Empathize

➔Defining Problem Statement

➔Ideation

2.PROJECT DESIGN PHASE 1

➔ Proposed Solution

➔ Problem Solution Fit

➔ Solution Architecture

3.PROJECT DESIGN PHASE 2

➔ Functional Requirement

➔ Customer Journey

➔ Data flow Diagram

➔Technology Architecture

4.SETTING UP APPLICATION ENVIRONMENT

➔Create Flask Project

➔Create IBM Cloud Account

➔Install IBm Cloud CLI

➔Docker CLI installation

➔Create an account in Sendgrid

5.IMPLEMENTING WEB APPLICATIONS

➔Create UI to interact with application

- Registration page
- Login Page
- Stats page to display the count
- Request Page

➔Create IBM DB2 and connect with Python

- IBM DB2 with Python

6.INTEGRATING SENDGRID SERVICE

➔Sendgrid integration with Python code

7.DEPLOYMENT OF APP IN IBM CLOUD

� Containerize the app

- Docker image creation
- Creating docker image for flask app

➡️Upload image to IBM container registry

➡️Deploy in Kubernetes cluster

8.PROJECT PLANNING PHASE

➡️Prepare Milestone and Activity list

➡️Sprint Delivery Plan

9.PROJECT DEVELOPMENT PHASE

➡️Project development-Delivery of sprint-1

➡️Project development-Delivery of sprint-2

➡️Project development-Delivery of sprint-3

➡️Project development-Delivery of sprint-4

10.DEVELOPING A CHATBOT

➡️Building chatbot and integrate to app