MILESTONES AND ACTIVITY LISTS

PROJECT NAME: Skill / Job Recommender Application

TEAM ID:PNT2022TMID44840

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