Project Planning Phase
Milestone and Activity List

Date	13 November 2022
Team ID	PNT2022TMID07424
Project Name	Skill and Job Recommender

PRE-REQUISITES:-
- 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 the applications

➤ 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

➤➤ Upload image to IBM Container registry

➤➤ Deploy in Kubernetes cluster

8. PROJECT PLANNING PHASE:-

➤➤ Prepare Milestone and Activity phase

➤➤ 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