

MILESTONES AND ACTIVITY LISTS

PROJECT NAME: Skill / Job Recommender Application

TEAM ID: PNT2022TMID33634

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.PROJECTDESIGNPHASE2

→ 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