

Project Planning Phase
PREPARE MILESTONE & ACTIVITY LIST

Date	18 October 2022
Team ID	PNT2022TMID27497
Project Name	Skill and Job Recommender
Maximum Marks	4 Marks

TASK	DESCRIPTION	DATE
SETTING UP THE APPLICATION ENVIRONMENT		
Create Flask project	A flask project was created in localhost	24/08/2022
Create an IBM cloud account	We created an account in IBM Cloud	24/08/2022
Install IBM Cloud CLI	Installation of IBM Cloud CLI was done	24/08/2022
Docker CLI installation	Docker CLI was installed	24/08/2022
Create an account in SendGrid	We created an account in SendGrid	24/08/2022
IMPLEMENTING WEB APPLICATION		
Create UI to interact with the application	The User Interface for various pages was designed and developed	27/08/2022
Create IBM DB2 & connect with Python	We created a service DB2 and connected the database with the python	27/08/2022
INTEGRATING SENDGRID SERVICE		
SendGrid integration with Python code	The SendGrid was integrated and tested by sending sample mail	27/08/2022

DEVELOPING A CHATBOT		
Building chatbot & Integrate into the app	An interactive chatbot was designed and integrated into the website	27/08/2022
DEPLOYMENT OF APP IN IBM CLOUD		
Containerize the app	The app was containerized	31/08/2022
Deploy in Kubernetes Cluster	It was deployed in Kubernetes Cluster	31/08/2022
Upload images to the IBM Container registry	Images were uploaded to IBM Container Registry	31/08/2022
IDEATION PHASE		
Literature Survey	A literature survey was done on existing works	07/09/2022
Prepare Empathy Map	An empathy map was prepared and deeper insights were gained	10/09/2022
Ideation	We brainstormed various ideas on the whiteboard.	14/09/2022
PROJECT DESIGN PHASE - I		
Proposed solution	We selected the most optimum solution	21/09/2022
Problem solution fit	We ensured that the solution fixes the problem	24/09/2022
Solution Architecture	The solution architecture was designed and verified	28/09/2022
PROJECT DESIGN PHASE -II		
Customer Journey	The customer journey mapping was done to understand the customer's point of view	05/10/2022

Data Flow Diagrams	A data Flow Diagram was drawn to denote the flow of the process	08/10/2022
Functional Requirements	Functional & Non-functional requirements were described	12/10/2022
Technology Architecture	To design the structure and manage the implementation technology architecture was done	15/10/2022
PROJECT PLANNING PHASE		
Prepare Milestone and Activity List	A project milestone is prepared to measure the progress	19/10/2022
Sprint Delivery Plan	Sprint Delivery Plan is developed to collaborate within the team	22/10/2022
PROJECT DEVELOPMENT PHASE		
Sprint 1	Developing the code	26/10/2022 – Still in progress
Sprint 2		
Sprint 3		
Sprint 4		