Project Planning Phase
Milestone & Activity List

Date	21 October 2022
Team ID	PNT2022TMID38770
Project Name	Smart Fashion Recommender Application
Maximum Marks	4 Marks

Milestones	Activities	Description
Setting Up Application Environment	Create Flask Project	To develop the application, the developers are advised to install all the required development tools before starting to build it.
	Create IBM Cloud Account	
	Install IBM Cloud CLI	
	Docker CLI Installation	
	Create an Account in SendGrid	
Implementing Web Application	Create UI to Interact with Application	To create a space for users to make use of the services and to connect the application with backend.
	Create IBM DB2 and Connect with Python	
Integrating SendGrid Services	SendGrid Integration with Python Code	To enable mailing services (using Flask-mail module).
Developing A Chatbot	Building Chatbot and Integrate to Application	To build a Chatbot that helps users to find suitable outfit buy recommending fashion stuffs. The chatbot is to be then integrated with the web application.
Deployment of App in IBM Cloud	Containerize the Application	To containerize the application and deploy the entire project in IBM Cloud.
	Upload Image to IBM Container Registry	
	Deploy in Kubernetes Cluster	
Ideation Phase	Literature Survey on the Selected Project & Information Gathering	To refer papers related to the application to be developed, view the project in users' point of view and list out the ideas to build the app.
	Prepare Empathy Map	
	Ideation	
Project Design Phase – I	Proposed Solution	To bring up solutions to the given problem after feasibility study and develop the architecture of the proposed solution.
	Problem Solution Fit	
	Solution Architecture	
Project Design Phase – II	Customer Journey	To trace the user interactions with the application, the flow of information in the app and the technology stack.
	Functional Requirement	
	Data Flow Diagram	
	Technology Architecture	
Project Planning Phase	Prepare Milestone & Activity List	To list down all the activities so far completed and to design a plan to submit the project.
	Sprint Delivery Plan	

Project Development Phase	Project Development – Delivery of Sprint – 1	To submit the project sprint-wise after deciding the modules to be completed in each sprint.
	Project Development – Delivery of Sprint – 2	
	Project Development – Delivery of Sprint – 3	
	Project Development – Delivery of Sprint – 4	