

## Project Planning Phase

### Milestones and Activity List

Date	18 October 2022
Team ID	PNT2022TMID32664
Project Name	Project – Smart Fashion Recommender Application
Maximum Marks	4 Marks

Milestones	Activities	Description
<b>COMPLETED</b>	Setting Up Application Environment	To develop the application, the developers are advised to install all the required development tools before starting to build it.
	Create Flask Project	
	Create IBM Cloud Account	
	Install IBM Cloud CLI	
	Docker CLI Installation	
<b>IN PROGRESS</b>	Create an Account in SendGrid	To create a space for users to make use of the services and to connect the application with backend.
	Implementing Web Application	
<b>IN PROGRESS</b>	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	
<b>COMPLETED</b>	Integrating SendGrid Services	To enable mailing services (using Flaskmail module as advised by mentors, Khushboo and Gayatri).
<b>IN PROGRESS</b>	SendGrid Integration with Python Code	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.
	Developing A Chatbot	
<b>COMPLETED</b>	Building Chatbot and Integrate to Application	To containerize the application and deploy the entire project in IBM Cloud.
	Deployment of App in IBM Cloud	
	Containerize the Application	
<b>COMPLETED</b>	Upload Image to IBM Container Registry	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.
	Deploy in Kubernetes Cluster	
	Ideation Phase	
<b>COMPLETED</b>	Literature Survey on the Selected Project & Information Gathering	To bring up solutions to the given problem after feasibility study and develop the architecture of the proposed solution.
	Prepare Empathy Map	
	Ideation	
<b>COMPLETED</b>	Project Design Phase – I	To trace the user interactions with the application, the flow of information in the app and the technology stack.
	Proposed Solution	
	Problem Solution Fit	
<b>COMPLETED</b>	Solution Architecture	To list down all the activities so far completed and to design a plan to submit the project.
	Project Design Phase – II	
	Customer Journey	
	Functional Requirement	
<b>COMPLETED</b>	Data Flow Diagram	
	Technology Architecture	
<b>COMPLETED</b>	Project Planning Phase	
	Prepare Milestone & Activity List	
<b>COMPLETED</b>	Sprint Delivery Plan	

Project Development Phase  <b>IN PROGRESS</b>	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	