

Project Planning Phase Milestone and Activity List

Date	11 November 2022
Team ID	PNT2022TMID42604
Project Name	SMART FASHION RECOMMENDER APPLICATION
Maximum Marks	

Completed Tasks

MILESTONES ACTIVITY	ACTIVITY	DESCRIPTION
Ideation phase	Literature Survey	It's on the selected project and information gathering.
	Empathy Map	Prepare empathy map to capture the users pains and gains, then prepare a list of problem statement.
	Ideation	Organising the brainstorming session and priorities the top three ideas based on feasibility and importance.
Project Design Phase 1	Proposed solution	Prepare proposed solution document which includes novelty, feasibility of ideas, business model, social impact, scalability of solution.
	Problem solution fit	Prepare problem solution fit documents.
	Solution Architecture	Prepare solution architecture document
Project Design Phase 2	Customer journey map	Prepare customer journey map to understand the user interactions and experience with the application.
	Functional Requirements	Prepare functional and Non-functional necessity document.
	Data flow diagram	Prepare data flow diagram and user stories
	Technology Architecture	Draw Technology Architecture Diagram
Project Planning phase	Milestone and activity list	Prepare milestones and activity list of the project.
	Sprint Delivery plan	Prepare sprint delivery plan according to the flow process
Setting- up app environment	Create IBM cloud account	Sign up IBM cloud account
	Create FLASK project	Getting started with the flask to

		create project.
	Install IBM cloud CLI	Install IBM command line interface (CLI)
	Docker CLI installation	Installing docker CLI
	Create an account in Sendgrid	Create an account in Sendgrid User service as an E-mail integration to the application for sending E-mails.

Remaining Task

MILESTONES	ACTIVITY	DESCRIPTION
Implementing Web Application	Create UI to interact with the application	Create UI <ul style="list-style-type: none"> • Registration page • Login page • View products page • Add products page
	Create IBM DB2 and connect with the python	Create them and link it with the python
Integrating Sendgrid Service	Sendgrid integration with the Python	To send E-mails from the application we need to integrate the sendgrid service.
Developing a Chat-Bot	Building a Chat-bot and integrate with the application	Build the chat bot and integrate it to the flask application.
Development of app in IBM cloud	Containerize the app	Create a docker image of the application in addition to push it to the IBM container registry
	Upload image to IBM container registry	Upload the image to IBM container registry
	Deploy in Kubernetes cluster	Once the image is uploaded to image towards IBM Kubernetes cluster.