Project Planning Phase

Milestone and Activity list

Date	02-November-2022
Team ID	PNT2022TMID05487
Project Name	Smart Fashion Recommender Application
Maximum Marks	8 Marks

COMPLETED TASKS

MILESTONES	ACTIVITY	DESCRIPTION
Ideation phase	Literature survey	Literature survey is based on previous works on some project relevant idea's.
	Empathy map	Prepare empathy map to discuss the user pains and gains,and idea's.Planning of brainstroming activity is performed.
	Ideation	Organising the brainstorming session and prioritise the top three ideas based on feasibility hand importance.
Project design phase 1	Proposed solution	It mainly describes about the solution which overcomes the user problems.
	Problem solution fit	Prepare problem solution fit Documents.
	Solution architecture	Prepare solution architecture document of the project

Project design phase 2	Customer journey map	It helps you tell the story of your customers' experiences with your brand across social media, email, livechat, and any other channels they might use.
	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	Milestones and activity list	Prepare milestones and activity list of the project.
	Sprint delivery plan	Planning of sprints
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 and use service as email integration to the application for sending emails.

INPROGRESS TASKS

MILESTONES	ACTIVITY	DESCRIPTION
Project development phase	Delivery of Sprint-1,2,3,4	To develop and submit the code after completion of testing.

Implementing web application	Create UI to interact with the application.	Create UI
		    registration page
		    login page
		    view products page
		    add products page

	Create IBM DB2 and connect with the Python.	Create an IBM DB2 in the IBM cloud and connect it to Python.
Integrating sendGrid service	SendGrid integration with the Python.	The SendGrid services must be integrated in order for the application to send emails.
Developing a chatbot	Building a chatbot and integrate with the application.	Build the chatbot and integrate it to the flask application.
Deployment 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 it in Kubernetes cluster.	Once the image is uploaded to IBM container registry deploy the image toward IBM Kubernetes cluster.