PROJECT PLANNING PHASE

PREPARE MILESTONE AND

ACTIVITY LIST

Date	10 November 2022
Team ID	PNT2022TMID25395
Project Name	Personal Expense Tracker Application
Maximum Marks	4 Marks

IN PROGRESS

MILESTONES	ACTIVITY	DESCRIPTION
Project development phase	Delivery of Sprint-1,2, 3,4	Develop & submit the developed code by testing it.
Implementing webapplication	Create UI to interactwith the application	Create UI • registration page • login page • view products page • add products page
	Create IBM DB2 andconnect with the Python	Create an IBM DB2 inthe IBM cloud and connect it to Python.
Integrating send grid service	SendGrid integration withthePython	The SendGrid services must beintegrated in order for the application to send emails.
Developing a chat bot	Building a chat bot andintegrate with The application	Build the chat bot andintegrate it to the flaskapplication
Deployment of app in IBMcloud	Containerize the app	Create a docker image of theapplication in addition to push it to the IBM containerregistry
	Upload image to IBMcontainer registry	Upload the image to IBMcontainer registry
	Deploy in in Kubernetes cluster	Once the image is uploadedto IBM containerregistry deploy

		the image toward IBM kubernetescluster

Completed Tasks:

MILESTONES	ACTIVITY	DESCRIPTION
Ideation phase	Literature survey	A literature review is a comprehensive summary of previous research on a topic.The collecting /gathering of relevant information based on our project usecase and by referring the existing solutions etc..
	Empathy map	Empathy map canvas is prepared to identify the customer or user's pains and gains and their feelings and thinking and list of problem statement is prepared.
	Ideation	In ideation ,ideas are listed in 3 steps like the first step is problem statement ,second step is brainstorming,idea listing and grouping and third step is idea prioritization based on the feasibility & importance are prepared and submitted for review.
Project design phase 1	Proposed solution	Proposed solution includes the problem statement,novelty, feasibility of ideas, business model, social impact,scalability of solutions are prepared.
	Problem solution fit	Prepare problem solutionfit includes customer

		segment,problems,triggers, Emotions before and after available solutions,customer constraint,Behaviour,problem root cause,solution these things are prepared.
	Solution architecture	Prepare solution architecture document
Project design phase 2	Customer journey map	Customer journey helpful to identify and understand te user interactions,goals, oppurtunities,positive and negative moments & experience with the application.
	Functional requirements	Functional requirements document having the functionalities and non-functionalities of our project.
	Data flow diagram	Data flow diagram show the flow of our project and it has been done and submitted for review.
	Technology architecture	Draw technology architecture has been done and submitted for review.
Prepare Milestone & Activity List	project planning	Prepared the milestones & activity list of the project

	Sprint delivery plan	Prepare spring delivery plan
Setting-up app environment	Create IBM cloud account	Sign up IBM cloud account
	Create flask project-**IN PROGESS**	Getting started with the flask to create project
	Install IBM cloud cli	Install IBM commandline interface (CLI)