MILESTONES AND ACTIVITY LISTS

TEAM ID: PNT2022TMID50242

PREREQUISITES:

➜ Python IDLE

➜ Flask

➜ IBM Cloud

➜ Docker

1.IDEATION PHASE

➜ Literature Survey

➜ Empathize

➜ Defining Problem Statement

➜ Ideation

2.PROJECT DESIGN PHASE 1

➜ Proposed Solution

➜ Problem Solution Fit

➜ Solution Architecture

3.PROJECT DESIGN PHASE 2

➜ Functional Requirement

➜ Customer Journey

➜ Data flow Diagram

➜ Technology Architecture

4. SETTING UPAPPLICATION ENVIRONMENT

➜ Create Flask Project

➜ Create IBM Cloud Account

➜ Install IBM Cloud CLI

➜ Docker CLI installation

➜ Create an account in Mailjet

5. IMPLEMENTING WEB APPLICATIONS

➜ Create UI to interact with application

- Signup page

- Login Page

- Dashboard

- wallet

- Graphical line representation

- Logout page

➜ Create IBM DB2 and connect with Python

- IBM DB2 with Python

6. INTEGRATING Mailjet SERVICE

➜ Mailjet integration with Python code

7. DEPLOYMENT OFAPP IN IBM CLOUD

➜ Containerize the app

- Creating docker image for flask app

➜ Upload image to IBM container registry

➜ Deploy in Kubernetes cluster

8. PROJECT PLANNING PHASE

➔ Prepare Milestone and Activity list

➔ Sprint Delivery Plan

9. PROJECT DEVELOPMENT PHASE

➔ Project development -Delivery of sprint-1

➔ Project development -Delivery of sprint-2

➔ Project development -Delivery of sprint-3

➔ Project development -Delivery of sprint-4

10. FINAL DELIVERABLES

->Final code

->Project report

->Demonstration video link