

MILESTONES AND ACTIVITY LISTS

PROJECT NAME: Personal Expense Tracker
Application

TEAM ID: PNT2022TMID25032

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