

PROJECT PLANNING PHASE

PROJECT PLANNING TEMPLATE(MILESTONE & ACTIVITYLIST)

Date	22 October 2022
Team ID	PNT2022TMID32657
Project Name	Personal Expense Tracker
Maximum Marks	4 Marks

MILESTONES	ACTIVITIES	DESCRIPTION
Setting up application environment	Create Flask Project	To develop the application, the developers are advised to install all the required development tools before starting to build it.
	Create IBM Cloud Account	
	Install IBM Cloud CLI	
	Docker CLI Installation	
	Create An Account In Sendgrid	
Implementing web application	Create UI To Interact With Application	Implement Modules of a project Registration Login
	Create IBM DB2 And Connect With Python	Add the Money to the Wallet Add Expenditures Integrate Sendgrid and send emails using Sendgrid
Integrating SendGrid Service	SendGrid Integration With Python Code	Integrating SendGrid service to the application. Follow the documentation provided in the reference link.
Deployment Of App In IBM Cloud	Containerize The App	Containerize a Flask application by using Docker and deploy it to the IBM Cloud Kubernetes Service

	Upload Image To IBM Container Registry	
	Deploy In Kubernetes Cluster	
Ideation Phase	Literature Survey On The Selected Project & Information Gathering	In this milestone you are expected to get started with the Ideation process.
	Prepare Empathy Map	
	Ideation	
Project Design Phase – I	Proposed Solution – Days 2	From this milestone you will be starting the project design phase. You are expected to cover the activities given.
	- Problem Solution Fit	
	Solution Architecture	
Project Design Phase -II	Customer Journey	From this milestone you will be continue working on the project design phase. You are expected to cover the activities given.
	Functional Requirement	
	Data Flow Diagrams	
	Technology Architecture	
Project Planning Phase	Prepare Milestone & Activity List	In this milestone you are expected to prepare milestones & tasks, sprint schedules.
	Sprint Delivery Plan	

Project Development Phase	Project Development - Delivery Of Sprint-1	In this milestone you will start the project development and expected to perform the coding & solutioning, acceptance testing, performance testing based as per the sprint and submit them.
	Project Development - Delivery Of Sprint-2	
	Project Development - Delivery Of Sprint-3	
	Project Development - Delivery Of Sprint-4	

