Project Development Phase

Milestone & Activity List

Date	10 November 2022
Team ID	PNT2022TMID16269
Project Name	Inventory management system for retailer
Maximum Marks	4 Marks

MILESTONE

SETTING UP APPLICATION ENVIRONMENT	M-01	Setting up the needed resources in the local machine
INTEGRATING SENDGRID SERVICE	M-02	To send emails from the application, we need to integrate the SendGrid Service.
DEPLOYMENT OFAPP IN IBM CLOUD	M-03	Containerize a Flask application by using Docker and deploy it to the IBM CloudKubernetes Service
IDEATION PHASE	M-04	Collecting information by referring to previous research on a topic and Prepare Literature Survey on the selected Project and Information Gathering, empathy map andideation
PROJECT DESIGN PHASE – I	M-05	Prepare the proposed solution, the problem-solution fit, and the Solution Architecture.
PROJECT DESIGN PHASE -II	M-06	Create a customer journey, functional requirements, a data flow diagram, and atechnology architecture.
PROJECT PLANNING PHASE	M-07	Make a list of milestones, an activity list, and a sprint delivery plan.

PROJECT DEVELOPMENT PHASE	M-08	Develop and submit Sprint 1, Sprint 2, Sprint 3, and Sprint 4

ACTIVITY LIST

No.	Activity	Sub Activity	Assigned To	Status
1	Setting Up Application Environment	• Create Flask Project • Create IBM CloudAccount • Install IBM Cloud CLI • Docker CLI Installation • Create An Account InSendgrid	All Members	In Progress
2.	Implementing WebApplication	• Create UI To Interact WithApplication	All Members	In Progress
3.	Integrating SendGridService	• SendGrid Integration WithPython Code	All Members	In Progress
4.	Deployment Of App In	• Containerize The App • Upload Image To IBM	All Members	In Progress

		Container Registry • Deploy In Kubernetes		
	IBM Cloud			
5.	Ideation Phase	• Literature Survey On TheSelected Project & Information Gathering • Prepare Empathy Map • Ideation	All Members	Completed
6.	Project Design Phase – I	• Proposed Solution • Problem Solution Fit • Solution Architecture	All Members	Completed
7.	Project Planning Phase	• Prepare Milestone &Activity List • Sprint Delivery Plan	All Members	Completed
8.	Project DevelopmentPhase	• Delivery Of Sprint-1 • Delivery Of Sprint-2 • Delivery Of Sprint-3 • Delivery Of Sprint-4	All Members	In Progress