MILESTONE AND ACTIVITY LIST

TEAM ID	PNT2022TMID14121
PROJECT NAME	Inventory Management System for Retailers
MAXIMUM MARKS	4 Marks

MILESTONE

Setting up the applicationenvironment	M-01	Setting up the needed resources in the local machine
Integrating send grid service	M-02	To send emails from the application, we need tointegrate the SendGrid Service.
Deployment of the app in IBMCloud	M-03	Containerize a Flask application by using Docker anddeploy it to the IBM Cloud Kubernetes Service
Ideation Phase	M-04	Collecting information by referring to previous research on a topic and Prepare Literature Survey onthe selected Project and Information Gathering, empathy map and ideation
Project Design Phase - I	M-05	Prepare the proposed solution, the problem-solutionfit, and the Solution Architecture.
Project Design Phase - II	M-06	Create a customer journey, functional requirements,a data flow diagram, and a technology architecture
Project Planning Phase	M-07	Make a list of milestones, an activity list, and a sprintdelivery plan.
Project Development Phase	M-08	Develop and submit Sprint 1,Sprint 2,Sprint 3 and Sprint 4

ACTIVITY LIST

Activity Number	Activity	Sub Activity	Assigned To	Status
1.	Setting up Application Environment	• Create Flask Project • Create IBM Cloud Account • Install IBM Cloud CLI • Docker CLI Installation • Create An Account In Sendgrid	All Members	In Progress
2.	Implementing Web Application	• Create UI To Interact With Application	All Members	In Progress
3.	Integrating SendGrid Service	• SendGrid Integration With Python Code	All Members	In Progress
4.	Deployment of App InIBM Cloud	• Containerize The App • Upload Image To IBM Container Registry • Deploy in Kubernetes	All Members	In Progress
5.	Ideation Phase	• Literature Survey On The Selected 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 PlanningPhase	• 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	Completed