MILESTONE AND ACTIVITY LIST

DATE	27 October 2022
TEAM ID	PNT2022TMID08254
PROJECT NAME	Inventory Management System for Retailers
MAXIMUM MARKS	Marks

MILESTONE

Setting up the application environment	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 to integrate the SendGrid Service
Deployment of the app in IBM Cloud	M-03	Containerize a Flask application by using Docker and deploy 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 on the selected Project and Information Gathering, empathy map and ideation
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 a technology 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

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 In IBM 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 Planning Phase	● Prepare Milestone & Activity List ● Sprint Delivery Plan	All Members	Completed
8	Project Development Phase	● Delivery Of Sprint-1 ● Delivery Of Sprint-2 ● Delivery Of Sprint-3 ● Delivery Of Sprint-4	All Members	Completed