

MILESTONE AND ACTIVITY LIST

DATE	27 October 2022
TEAM ID	PNT2022TMID48534
PROJECT NAME	Inventory Management System for Retailers
MAXIMUM MARKS	4 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Create UI To Interact with Application 	All Members	In Progress
3.	Integrating SendGrid Service	<ul style="list-style-type: none"> • SendGrid Integration with Python Code 	All Members	In Progress
4.	Deployment of App In IBM Cloud	<ul style="list-style-type: none"> • Containerize The App • Upload Image to IBM Container Registry • Deploy in Kubernetes 	All Members	In Progress
5.	Ideation Phase	<ul style="list-style-type: none"> • Literature Survey On The Selected Project & Information Gathering • Prepare Empathy Map • Ideation 	All Members	Completed
6.	Project Design Phase – I	<ul style="list-style-type: none"> • Proposed Solution • Problem Solution Fit • Solution Architecture 	All Members	Completed
7.	Project Design Phase - II	<ul style="list-style-type: none"> • Create a customer journey • Functional requirements • Data flow diagram • Technology architecture 	All Members	Completed
8.	Project Planning Phase	<ul style="list-style-type: none"> • Prepare Milestone & Activity List • Sprint Delivery Plan 	All Members	Completed
9.	Project Development Phase	<ul style="list-style-type: none"> • Delivery Of Sprint-1 • Delivery Of Sprint-2 • Delivery Of Sprint-3 • Delivery Of Sprint-4 	All Members	Completed