

MILESTONE AND ACTIVITY LIST

DATE	28 October 2022
TEAM ID	PNT2022TMID31927
PROJECT NAME	Project – Inventory Management system for retailers
MAXIMUM MARKS	4 Marks

MILESTONE

Settinguptheapplication environment	M-01	Settinguptheneededresourcesinthelocalmachine
Integrating send grid service	M-02	To send emails from the application, we need to integrate the SendGrid Service.
Deploymentoftheappin IBM Cloud	M-03	Containerize a Flaskapplication by using Dockerand deployitto the IBM Cloud Kubernetes Service
Ideation Phase	M-04	Collecting information by referring to previous researchon a topicand PrepareLiteratureSurveyon 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, anda technology architecture
Project Planning Phase	M-07	Makealistofmilestones,anactivitylist,andasprint 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	Completed
2.	Implementing Web Application	<ul style="list-style-type: none"> Create UI To Interact With Application 	All Members	Completed
3.	Integrating SendGrid Service	<ul style="list-style-type: none"> SendGrid Integration With Python Code 	All Members	Completed
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	Completed
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 – 2	<ul style="list-style-type: none"> Customer journey Functional Requirement Data Flow Diagrams 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