

Milestone and Activity list

Date	27 October 2022
Team ID	PNT2022TMID35256
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
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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 <p>Create An Account In Sendgrid</p>	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	<p>Literature Survey On</p> <ul style="list-style-type: none"> • 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 Planning Phase	<p>Prepare Milestone &</p> <ul style="list-style-type: none"> • Activity List • Sprint Delivery Plan 	All Members	Completed
8.	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