

MILESTONE AND ACTIVITY LIST

Date	22 October 2022
Team ID	PNT2022TMID04548
Project Name	INVENTORY MANAGEMENT FOR RETAILERS
Maximum Marks	4 Marks

MILESTONE

SETTING UP APPLICATION ENVIRONMENT	M-01	Setting up the needed resources in the local machine
INTEGRATING SENDGRID SERVICE	M-02	To send emails from the application, we need to integrate the SendGrid Service.
DEPLOYMENT OF 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	Create UI To Interact With Application	All Members	In Progress
3.	Integrating SendGrid Service	<input type="checkbox"/> SendGrid Integration With Python Code	All Members	In Progress
4.	Deployment Of App In	<ul style="list-style-type: none"> • Containerize The App • Upload Image To IBM 	All Members	In Progress

	IBM Cloud	<div>Container Registry</div> <div><input type="checkbox"/> Deploy In Kubernetes</div>		
5.	Ideation Phase	<div><input type="checkbox"/> Literature Survey On The Selected Project & Information Gathering</div> <div><input type="checkbox"/> Prepare Empathy Map</div> <div><input type="checkbox"/> Ideation</div>	All Members	Completed
6.	Project Design Phase – I	<div><input type="checkbox"/> Proposed Solution</div> <div><input type="checkbox"/> Problem Solution Fit</div> <div><input type="checkbox"/> Solution Architecture</div>	All Members	Completed
7.	Project Planning Phase	<div><input type="checkbox"/> Prepare Milestone & Activity List</div> <div><input type="checkbox"/> Sprint Delivery Plan</div>	All Members	Completed
8.	Project Development Phase	<div><input type="checkbox"/> Delivery Of Sprint-1</div> <div><input type="checkbox"/> Delivery Of Sprint-2</div> <div><input type="checkbox"/> Delivery Of Sprint-3</div> <div><input type="checkbox"/> Delivery Of Sprint-4</div>	All Members	In Progress