

## MILESTONE AND ACTIVITY LIST

Date	10 November 2022
Team ID	PNT2022TMID28380
Project Name	Inventory management system for retailer
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"><li>• Create Flask Project</li><li>• Create IBM Cloud Account</li><li>• Install IBM Cloud CLI</li><li>• Docker CLI Installation</li><li>• Create An Account In Sendgrid</li></ul>	All Members	In Progress
2.	Implementing Web Application	<input type="checkbox"/> 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 IBM Cloud	<ul style="list-style-type: none"><li>• Containerize The App</li><li>• Upload Image To IBM Container Registry</li><li><input type="checkbox"/> Deploy In Kubernetes</li></ul>	All Members	In Progress
5.	Ideation Phase	<input type="checkbox"/> Literature Survey On The Selected Project & Information Gathering <input type="checkbox"/> Prepare Empathy Map <input type="checkbox"/> Ideation	All Members	Completed
6.	Project Design Phase – I	<input type="checkbox"/> Proposed Solution <input type="checkbox"/> Problem Solution Fit <input type="checkbox"/> Solution Architecture	All Members	Completed
7.	Project Planning Phase	<input type="checkbox"/> Prepare Milestone & Activity List <input type="checkbox"/> Sprint Delivery Plan	All Members	Completed
8.	Project Development Phase	<input type="checkbox"/> Delivery Of Sprint-1 <input type="checkbox"/> Delivery Of Sprint-2 <input type="checkbox"/> Delivery Of Sprint-3 <input type="checkbox"/> Delivery Of Sprint-4	All Members	In Progress

