

## MILESTONE AND ACTIVITY LIST

TEAM ID	PNT2022MID33864
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
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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	<ul style="list-style-type: none"> <li>• Create UI To Interact With Application</li> </ul>	All Members	In Progress
3.	Integrating SendGrid Service	<ul style="list-style-type: none"> <li>• SendGrid Integration With Python Code</li> </ul>	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>• Deploy in Kubernetes</li> </ul>	All Members	In Progress
5.	Ideation Phase	<ul style="list-style-type: none"> <li>• Literature Survey On The Selected Project &amp; Information Gathering</li> <li>• Prepare Empathy Map</li> <li>• Ideation</li> </ul>	All Members	Completed
6.	Project Design Phase – I	<ul style="list-style-type: none"> <li>• Proposed Solution</li> <li>• Problem Solution Fit</li> <li>• Solution Architecture</li> </ul>	All Members	Completed
7.	Project Planning Phase	<ul style="list-style-type: none"> <li>• Prepare Milestone &amp; Activity List</li> <li>• Sprint Delivery Plan</li> </ul>	All Members	Completed
8.	Project Development Phase	<ul style="list-style-type: none"> <li>• Delivery Of Sprint-1</li> <li>• Delivery Of Sprint-2</li> <li>• Delivery Of Sprint-3</li> <li>• Delivery Of Sprint-4</li> </ul>	All Members	In Progress