

### MILESTONE AND ACTIVITY LIST

DATE	05 November 2022
TEAM ID	PNT2022TMID34419
PROJECT NAME	Inventory Management System for Retailers
MAXIMUM MARKS	4 Marks

### MILESTONE

Setting up the application environment	M-01	Setting up the resources needed 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.
		Create a customer journey, functional

Project Design Phase – II	M-06	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>	ASISA A, ANCE DEFRIN P, SHAJAL S, SHIJONIDA J V, ANCE C	Review
2.	Implementing Web Application	● Create UI To Interact With Application	ASISA A, ANCE DEFRIN P, SHAJAL S, SHIJONIDA J V, ANCE C	In-Progress
3.	Integrating SendGrid Service	● SendGrid Integration With Python Code	ASISA A, ANCE DEFRIN P, SHAJAL S, SHIJONIDA J V, ANCE C	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>	ASISA A, ANCE DEFRIN P, SHAJAL S, SHIJONIDA J V, ANCE C	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>	ASISA A, ANCE DEFRIN P, SHAJAL S, SHIJONIDA J V, ANCE C	Review
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>	ASISA A, ANCE DEFRIN P, SHAJAL S, SHIJONIDA J V, ANCE C	Review
7.	Project Planning Phase	<ul style="list-style-type: none"> <li>• Prepare Milestone &amp; Activity List</li> <li>• Sprint Delivery Plan</li> </ul>	ASISA A, ANCE DEFRIN P, SHAJAL S, SHIJONIDA J V, ANCE C	In-Progress
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>	ASISA A, ANCE DEFRIN P, SHAJAL S, SHIJONIDA J V, ANCE C	In-Progress