

**Project Planning
Phase (Milestone and
Activity List)**

Date	25nd October 2022
Team ID	PNT2022TMID24193
Project Name	Inventory Management System for Retailers

Activity List:

Activity Number	Activity Name	Detailed Activity Description	Assigned To	Duration (Start to End Date)	Status
1	Create Flask Project	An application Framework written in Python	DEEPAN, AKILA, KEERTHANA	-	Completed
2	Create IBM Cloud	Create and log into IBM Cloud	SWEATHA	-	Completed
3	Install IBM Cloud CLI	General-Purpose developer tool that provides access to your IBM Cloud Account	SWEATHA	-	Completed
4	Docker CLI	Use Docker CLI configuration to customize settings	DEEPAN	24 Oct 2022 to 29 Oct 2022	In Progress
5	Create Account in Sendgrid	Create account in SendGrid to send mails	KEERTHANA	31 Oct 2022 to 5 Nov 2022	In Progress
IMPLEMENTING WEB APPLICATION					
6	Create UI to Interact with Application	Pages such as Registration, Login page, Displaying items etc.	KEERTHANA	07 Nov 2022 to 12 Nov 2022	In Progress

7	Create IBM Db2 and connect with Python	Create IBM Db2 service in IBM Cloud and connect with python code using DB.	DEEPAN,AKILA	07 Nov 2022 to 12 Nov 2022	Not Completed
INTEGRATING SENDGRID SERVICES					
8	SendGrid Integration with Python Code	To send emails from the applications we need to integrate the SendGrid Service.	SWEATHA, KEERTHANA	07 Nov 2022 to 12 Nov 2022	Not Completed
DEPLOYMENT OF APP IN IBM CLOUD					
9	Containerize the App	Need to create Docker Image of the application and push into the IBM Container Registry	AKILA,KEERTHANA, SWEATHA	07 Nov 2022 to 12 Nov 2022	Not Completed
10	Upload Image to IBM Container Registry	Upload the Image to IBM Container Registry	AKILA	14 Nov 2022 to 19 Nov 2022	Not Completed
11	Deploy in Kubernetes Cluster	Once the image is uploaded the IBM Container registry deploy the image to IBM Kubernetes Cluster	DEEPAN	14 Nov 2022 to 19 Nov 2022	Not Completed