

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

Date	25nd October 2022
Team ID	PNT2022TMID12477
Project Name	Inventory Management System for Retailers

Milestones:

Tasks	Assigned to	Start Date	End Date	Status
User Registration	Poornaa Y	24-oct-2022	29-oct-2022	In progress
Confirmation	Sivasakthivel s,Poornaa Y	24-oct-2022	29-oct-2022	In progress
Login	Nivethida s, Maalavika s	24-oct-2022	29-oct-2022	In progress
Dashboard	Ramuni nithin kumar,Maalavika s	31-oct-2022	05-nov-2022	Pending
Add items to stock	Sivasakthivel s	31-oct-2022	10-nov-2022	Pending
Stock Update	Ramuni nithin kumar,nivethida s	07-nov-2022	14-nov-2022	Pending
Customer care	Maalavika s , Poornaa Y	14-nov-2022	19-nov-2022	Pending
Alert messaging	Maalavika s	14-nov-2022	19-nov-2022	Pending

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	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	-	Completed
2	Create IBM Cloud	Create and log into IBM Cloud	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	-	Completed
3	Install IBM Cloud CLI	General-Purpose developer tool that provides access to your IBM Cloud Account	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	-	Completed
4	Docker CLI	Use Docker CLI configuration to customize settings	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	24 Oct 2022 to 29 Oct 2022	In Progress
5	Create Account in Send grid	Create account in SendGrid to send mails	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	31 Oct 2022 to 5 Nov 2022	In Progress

**IMPLEMENTING WEB
APPLICATION**

6	Create UI toInteract with Application	Pages such as Registration, Login page,Displaying items etc.	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithinkumar	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.	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	07 Nov 2022 to 12 Nov 2022	Not Completed
INTEGRATING SENDGRID SERVICES					
8	Send Grid Integration with Python Code	To send emails from the applications we need to integrate the SendGrid Service.	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	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	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	07 Nov 2022 to 12 Nov 2022	Not Completed
10	Upload Image to IBM Container Registry	Upload the Image to IBM Container Registry	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	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	Poornaa Y Sivasakthivel s Nivethida s Maalavika s Ramuni nithin kumar	14 Nov 2022 to 19 Nov 2022	Not Completed