

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

Date	25 October 2022
Team ID	PNT2022TMID42766
Project Name	Inventory Management System for Retailers

**Milestones:**

Tasks	Assigned to	Start Date	End Date	Status
User Registration	Sabari, Seenivasan	24-Oct-22	29-Oct-22	In progress
Confirmation	Ganesh Kumar	24-Oct-22	29-Oct-22	In progress
Login	Subbukutty	24-Oct-22	29-Oct-22	Pending
Dashboard	Sabari, Seenivasan	31-Oct-22	05-Nov-22	Pending
Add items to stock	Ganesh Kumar, Subbukutty	31-Oct-22	05-Nov-22	Pending
Stock Update	Sabari, Seenivasan	07-Nov-22	12-Nov-22	Pending
Request to Customer care	Sabari, Seenivasan	14-Nov-22	19-Nov-22	Pending
Contact Administrator	Ganesh Kumar, Subbukutty	14-Nov-22	19-Nov-22	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	SUBBUKUTTY, GANESH KUMAR, SEENIVASAN	-	Completed
2	Create IBM Cloud	Create and log into IBM Cloud	SABARI	-	Completed
3	Install IBM Cloud CLI	General-Purpose developer tool that provides access to your IBM Cloud Account	SABARI	-	Completed
4	Docker CLI	Use Docker CLI configuration to customize settings	SUBBUKUTTY	24 Oct 2022 to 29 Oct 2022	In Progress
5	Create Account in Sendgrid	Create account in SendGrid to send mails	SEENIVASAN	31 Oct 2022 to 5 Nov 2022	In Progress
<b>IMPLEMENTING WEB APPLICATION</b>					
6	Create UI to Interact with Application	Pages such as Registration, Login page, Displaying items etc.	GANESH KUMAR	07 Nov 2022 to 12 Nov 2022	In Progress

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