Project Planning Phase
(Milestone and Activity List)

Date	25nd October 2022
Team ID	PNT2022TMID12995
Project Name	Inventory Management System for Retailers

Milestones:

Tasks	Assigned to	Start Date	End Date	Status
User Registration	Srinath C G	24-oct-2022	29-oct-2022	In progress
Confirmation	Joyal C, Aravind S	24-oct-2022	29-oct-2022	In progress
Login	Nagaarun Srinivasan, Joyal C	24-oct-2022	29-oct-2022	In progress
Dashboard	Srinath C G, Aravind S	31-oct-2022	05-nov-2022	Pending
Add items to stock	Srinath C G	31-oct-2022	10-nov-2022	Pending
Stock Update	Nagaarun Srinivasan ,Aravind S	07-nov-2022	14-nov-2022	Pending
Customer care	Joyal C , Srinath C G	14-nov-2022	19-nov-2022	Pending
Alert messaging	Aravind 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 Frameworkwritten in Python	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	-	Completed
2	Create IBM Cloud	Create and log into IBM Cloud	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	-	Completed
3	Install IBM Cloud CLI	General-Purpose developer tool that provides access to your IBM CloudAccount	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	-	Completed
4	Docker CLI	Use Docker CLI configuration to customize settings	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	24 Oct 2022 to 29 Oct 2022	In Progress
5	Create Account in Send grid	Create account in SendGrid to send mails	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	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.	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	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.	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	07 Nov 2022 to 12 Nov 2022	Not Completed
		INTEGRATING SENDGRID SERVICES			
8	Send Grid Integration withPython Code	To send emails from the applications weneed to integrate the SendGrid Service.	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	07 Nov 2022 to 12 Nov 2022	Not Completed
		DEPLOYMENT OF APP IN IBM CLOUD			
9	Containerize theApp	Need to create Docker Image of theapplication and push into the IBM Container Registry	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	07 Nov 2022 to 12 Nov 2022	Not Completed
10	Upload Image toIBM Container Registry	Upload the Image to IBM ContainerRegistry	Srinath C G Aravind S Joyal C Nagaarun Srinivasan	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 toIBM Kubernetes Cluster | Srinath C G Aravind S Joyal C Nagaarun Srinivasan | 14 Nov 2022 to 19 Nov 2022 | Not Completed |