Project Planning Phase

(Milestone and Activity List)

Date   30 October 2022

Team ID   PNT2022PMID25241

Project Name   Project – 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 Frame work written in Python.	Yogeswaran S	-	Completed
2	Create IBM Cloud	Create and log into IBM Cloud.	Yogeswaran S	-	Completed
3	Install IBM Cloud CLI	General-Purpose developer tool that provides access to your IBM CloudAccount.	Yogeswaran S	-	Completed
4	Docker CLI	Use Docker CLI configuration to customize settings.	Yogeswaran S	-	Completed
5	Create Account in Sendgrid	Create account in SendGrid to send mails.	Yogeswaran S	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.	Aathavan A M	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.	Aathavan A M	07 Nov 2022 to 12 Nov 2022	Not Completed
Integrating Sendgrid Services					

8	SendGrid Integration with Python Code	To send emails from the applications weneed to integrate the SendGrid Service.	Aathavan A M	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 theapplication and push into the IBM Container Registry.	Aathavan A M	07 Nov 2022 to 12 Nov 2022	Not Completed
10	Upload Image to IBM Container Registry	Upload the Image to IBM ContainerRegistry.	Aathavan A M	14 Nov 2022 to 19 Nov 2022	Not Completed
11	Deploy in KubernetesCluster	Once the image is uploaded the IBM Container registry deploy the image toIBM Kubernetes Cluster.	Aathavan A M	14 Nov 2022 to 19 Nov 2022	Not Completed