

Project Planning Phase

Prepare Milestone and Activity List

Team ID	PNT2022TMID04814
Project Name	Inventory Management System for Retailers

Activity List : Setting up Application Environment

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	Jeevaneshwaran	-	Completed
2	Create IBM Cloud	Create and log into IBM Cloud	Jero Jenisha	-	Completed
3	Install IBM Cloud CLI	General-Purpose developer tool that provides access to your IBM Cloud Account	Jayaprakash	-	Completed
4	Docker CLI	Use Docker CLI configuration to customize settings	Jeffrey	-	Completed
5	Create Account in Sendgrid	Create account in SendGrid to send mails	Jeevaneshwaran	-	Completed

IMPLEMENTING WEB APPLICATION

6	Create UI to Interact with Application	Pages such as Registration, Login page, Displaying items etc.	Jayaprakash , Jeffrey	07 Nov 2022 to 12 Nov 2022	Not Completed
7	Create IBM Db2 and connect with Python	Create IBM Db2 service in IBM Cloud and connect with python code using DB.	Jeevaneshwaran,Jero Jenisha	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.	Jeevaneshwaran,Jero Jenisha	07 Nov 2022 to 12 Nov2022	Not Completed
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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	Jayaprakash , Jeffrey	07 Nov 2022 to 12 Nov 2022	Not Completed
10	Upload Image to IBM Container Registry	Upload the Image to IBM Container Registry	Jeevaneshwaran,Jero Jenisha	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	Jeevaneshwaran,Jayaprakash	14 Nov 2022 to 19 Nov 2022	Not Completed