Project Planning Phase (Milestone and Activity List)

|  |  |
| --- | --- |
| Date | 25nd October 2022 |
| Team ID | PNT2022TMID18477 |
| Project Name | 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 Framework written in Python | RAHITHA,SAWDESHWARAN,POONGKODI | - | Completed |
| **2** | Create IBM  Cloud | Create and log into IBM  Cloud | RAHITHA | - | Completed |
| **3** | Install IBM Cloud CLI | General-Purpose developer tool that  provides access to your IBM Cloud Account | RAHITHA | - | Completed |
| **4** | Docker CLI | Use Docker CLI configuration to  customize settings | RAKESH SHARMA | 24 Oct 2022 to 29  Oct 2022 | In Progress |
| **5** | Create Account  in Sendgrid | Create account in SendGrid to send  mails | SAWDESHWARAN | 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. | POONGKODI | 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. | RAHITHA,SWADESHWARAN | 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. | SAWDESHWARAN, RAKESH SHARMA | 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 | RAHITHA,POONGKODI,SAWDESHWARAN | 07 Nov 2022 to  12 Nov 2022 | Not Completed |
| **10** | Upload Image to IBM Container  Registry | Upload the Image to IBM Container Registry | RAHITHA | 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 | SAWDEHWARAN | 14 Nov 2022 to  19 Nov 2022 | Not Completed |