Project Planning Phase(MilestoneandActivityList)

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| Date | 25ndOctober2022 |
| TeamID | PNT2022TMID48131 |
| ProjectName | InventoryManagementSystemforRetailers |

ActivityList:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Activity**  **Number** | **ActivityName** | **DetailedActivityDescription** | **AssignedTo** | **Duration(Start**  **toEndDate)** | **Status** |
| **1** | Create FlaskProject | An application Frameworkwritten in Python | ARUNADEVI  ANITHA  DHARANI  GOVINDU | - | Completed |
| **2** | Create IBM  Cloud | CreateandlogintoIBM  Cloud | ARUNADEVI  DHARANI  ANITHA | - | Completed |
| **3** | Install IBMCloudCLI | General-Purposedevelopertoolthat  provides access to your IBM CloudAccount | ARUNADEVI  GOVINDU | - | Completed |
| **4** | DockerCLI | UseDockerCLIconfiguration to  customizesettings | ARUNADEVI  DHARANI | 24Oct2022to29  Oct2022 | Completed |
| **5** | CreateAccount  inSendgrid | Createaccountin SendGridtosend  mails | DHARANI  GOVINDU | 31Oct2022to5  Nov2022 | In process |
| **IMPLEMENTINGWEB**  **APPLICATION** | | | | | |
| **6** | Create UI toInteractwith  Application | Pages such as Registration, Login page,Displaying items etc. | ARUNADEVI  GOVINDU | 07Nov2022 to  12Nov2022 | completed |

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| **7** | Create IBMDb2 andconnectwith  Python | Create IBM Db2 service in IBM CloudandconnectwithpythoncodeusingDB. | KARTHIKA  ARUNADEVI | 07Nov2022 to  12Nov2022 | completed |
| **INTEGRATINGSENDGRID**  **SERVICES** | | | | | |
| **8** | SendGridIntegration withPythonCode | To send emails from the applications weneedtointegrate theSendGridService. | ARUNADEVI  ANITHA  DHARANI  GOVINDU | 07Nov2022 to  12Nov2022 | completed |
| **DEPLOYMENTOFAPPINIBMCLOUD** | | | | | |
| **9** | Containerize theApp | Need to create Docker Image of theapplication and push into the IBMContainerRegistry | ARUNADEVI  KARTHIKA | 07Nov2022 to  12Nov2022 | Completed |
| **10** | Upload Image toIBMContainer  Registry | Upload the Image to IBM ContainerRegistry | DHARANI | 14Nov2022to  19Nov2022 | Completed |
| **11** | Deployin  KubernetesCluster | OncetheimageisuploadedtheIBM  Container registry deploy the image toIBMKubernetes Cluster | ARUNADEVI | 14Nov2022to  19Nov2022 | Completed |