Project Planning Phase(MilestoneandActivityList)

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| Date | 30October2022 |
| TeamID | B2-2M4E |
| ProjectName | InventoryManagementSystemforRetailers |

ActivityList:

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| **Activity**  **Number** | **ActivityName** | **DetailedActivityDescription** | **AssignedTo** | **Duration(Start**  **toEndDate)** | **Status** |
| **1** | Create FlaskProject | An application Frameworkwritten in Python | JANANI,DEVI PRIYA,PVITHRA | - | Completed |
| **2** | Create IBM  Cloud | CreateandlogintoIBM  Cloud | JANANI | - | Completed |
| **3** | Install IBMCloudCLI | General-Purposedevelopertoolthat  provides access to your IBM CloudAccount | JANANI | - | Completed |
| **4** | DockerCLI | UseDockerCLIconfiguration to  customizesettings | BAVADHARANI | 30Oct2022to5  Nov2022 | InProgress |
| **5** | CreateAccount  inSendgrid | Createaccountin SendGridtosend  mails | DEVI PRIYA | 6Nov2022to12  Nov2022 | InProgress |
| **IMPLEMENTINGWEB**  **APPLICATION** | | | | | |
| **6** | Create UI toInteractwith  Application | Pages such as Registration, Login page,Displaying items etc. | PAVITHRA | 13Nov2022 to  15Nov2022 | InProgress |

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| **7** | Create IBMDb2 andconnectwith  Python | Create IBM Db2 service in IBM CloudandconnectwithpythoncodeusingDB. | JANANI, BAVADHARANI | 13Nov2022 to  15Nov2022 | NotCompleted |
| **INTEGRATINGSENDGRID**  **SERVICES** | | | | | |
| **8** | SendGridIntegration withPythonCode | To send emails from the applications weneedtointegrate theSendGridService. | DEVIPRIYA PAVITHRA | 13Nov2022 to  15Nov2022 | NotCompleted |
| **DEPLOYMENTOFAPPINIBMCLOUD** | | | | | |
| **9** | Containerize theApp | Need to create Docker Image of theapplication and push into the IBMContainerRegistry | JANANI,BAVADHARANI,  DEVI PRIYA | 13Nov2022 to  15Nov2022 | NotCompleted |
| **10** | Upload Image toIBMContainer  Registry | Upload the Image to IBM ContainerRegistry | JANANI | 16Nov2022to  19Nov2022 | NotCompleted |
| **11** | Deployin  KubernetesCluster | OncetheimageisuploadedtheIBM  Container registry deploy the image toIBMKubernetes Cluster | PAVITHRA | 16Nov2022to  19Nov2022 | NotCompleted |