PROJECT PLANNING PHASE

(MILESTONE AND ACTIVITY LIST)

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| Date | 29 October 2022 |
| Team ID | PNT2022TMID17615 |
| Project Name | Inventory Management System for  Retailers |

Activity List:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Activity no** | **Activit y**  **name** | **Detailed activity description** | **Assigned to** | **Duration(st art to end)** | **Status** |
| 1. | Create Flask Project | An application Frameworkwritten in Python | Balaji, Aabavanan, Aravinth,  Sakthivelan | **-** | Completed |
| 2. | Create IBM  Cloud | Create and log into IBMCloud | Balaji, Aabavanan, Aravinth,  Sakthivelan | **-** | Completed |
| 3. | Install IBM  Cloud CLI | General-Purpose developer tool that provides access to your IBM Cloud  Account | Balaji, Aabavanan, Aravinth,  Sakthivelan | **-** | Completed |
| 4. | Docker CLI | Use Docker CLI configuration to customize settings | Balaji, Aabavanan, Aravinth,  Sakthivelan | 29 Oct 2022  to 31Oct 2022 | In Progress |
| 5. | Create Account in Sendgri d | Create account in SendGrid to send mails | Balaji, Aabavanan, Aravinth,  Sakthivelan | 1 Nov 2022  to 5Nov 2022 | In Progress |
| 6. | Create UI to Interact  with | Pages such as Registration, Login page,Displaying  items etc. | Balaji, Aabavanan, Aravinth,  Sakthivelan | 07 Nov 2022  to  12 Nov 2022 | In Progress |

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|  | Applicat  ion |  |  |  |  |
| 7. | Create IBM  Db2 and connect with Python | Create IBM Db2 service in IBMCloud and connect with python code using DB. | Surya, Naveenraja, Vigneshwara  n,Pradeepan | 07 Nov 2022  to  12 Nov 2022 | Not Completed |
| 8. | SendGri d Integrati on with Python  Code | To send emails from the applications weneed to integrate the SendGrid Service. | Surya, Naveenraja, Vigneshwara  n,Pradeepan | 07 Nov 2022  to  12 Nov 2022 | Not Completed |
| 9. | Contain erize the App | Need to create Docker Imageof theapplication and push into the IBM  Container Registry | Surya, Naveenraja, Vigneshwara  n,Pradeepan | 07 Nov 2022  to 12Nov 2022 | Not Completed |
| 10. | Upload Image to IBM  Contain er Registry | Upload the Image to IBM Container Registry | Surya, Naveenraja, Vigneshwara  n,Pradeepan | 14 Nov 2022  to  19 Nov 2022 | Not Completed |
| 11. | Deploy in Kuberne tes Cluster | Once the image is uploaded theIBM Container registry deploy theimage to IBM Kubernetes  Cluster | Surya, Naveenraja, Vigneshwara  n,Pradeepan | 14 Nov 2022  to  19 Nov 2022 | Not Completed |