# MILESTONE AND ACTIVITY LIST

| DATE | 28 October 2022 |
|---|---|
| TEAM ID | **PNT2022TMID31927** |
| PROJECT NAME | Project – Inventory Management system for retailers |
| MAXIMUM MARKS | 4 Marks |

## MILESTONE

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|---|---|---|
| Setting up the application environment | M–01 | Setting up the needed resources in the local machine |
| Integrating send grid service | M-02 | To send emails from the application, we need to integrate the SendGrid Service. |
| Deployment of the app in IBM Cloud | M-03 | Containerize a Flask application by using Docker and deploy it to the IBM Cloud Kubernetes Service |
| Ideation Phase | M-04 | Collecting information by referring to previous research on a topic and Prepare Literature Survey on the selected Project and Information Gathering, empathy map and ideation |
| Project Design Phase – I | M-05 | Prepare the proposed solution, the problem–solution fit, and the Solution Architecture. |
| Project Design Phase – II | M-06 | Create a customer journey, functional requirements, a data flow diagram, and a technology architecture |
| Project Planning Phase | M–07 | Make a list of milestones, an activity list, and a sprint delivery plan. |
| Project Development Phase | M-08 | Develop and submit Sprint 1, Sprint 2, Sprint 3 and Sprint 4 |

# ACTIVITY LIST

| Activity Number | Activity | Sub Activity | Assigned To | Status |
|---|---|---|---|---|
| 1. | Setting up Application Environment | • Create Flask Project<br>• Create IBM Cloud Account<br>• Install IBM Cloud CLI<br>• Docker CLI Installation<br>• Create An Account In Sendgrid | All Members | Completed |
| 2. | Implementing Web Application | • Create UI To Interact With Application | All Members | In Progress |
| 3. | Integrating SendGrid Service | • SendGrid Integration With Python Code | All Members | In Progress |
| 4. | Deployment of App In IBM Cloud | • Containerize The App<br>• Upload Image To IBM Container Registry<br>• Deploy in Kubernetes | All Members | In Progress |
| 5. | Ideation Phase | • Literature Survey On The Selected Project & Information Gathering<br>• Prepare Empathy Map<br>• Ideation | All Members | Completed |
| 6. | Project Design Phase – I | • Proposed Solution<br>• Problem Solution Fit<br>• Solution Architecture | All Members | Completed |
| 7. | Project Design Phase – 2 | • Customer journey<br>• Functional Requirement<br>• Data Flow Diagrams<br>• Technology Architecture | All Members | Completed |
| 8. | Project Planning Phase | • Prepare Milestone & Activity List<br>• Sprint Delivery Plan | All Members | Completed |
| 9. | Project Development Phase | • Delivery Of Sprint–1<br>• Delivery Of Sprint–2<br>• Delivery Of Sprint–3<br>• Delivery Of Sprint–4 | All Members | In Progress |