

# MILESTONE AND ACTIVITY LIST

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|---------------|--|
| Date          | 07 November 2022                         |
| Team ID       | PNT2022TMID16711                         |
| Project Name  | Inventory management system for retailer |
| Maximum Marks | 4 Marks                                  |

## MILESTONE

|                                    |      |   |
|------------------------------------|------|---|
| SETTING UP APPLICATION ENVIRONMENT | M-01 | Setting up the needed resources in the local machine  |
| INTEGRATING SENDGRID SERVICE       | M-02 | To send emails from the application, we need to integrate the SendGrid Service.   |
| DEPLOYMENT OF 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<br>DEVELOPMENT<br>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 | <ul style="list-style-type: none"><li>• Create Flask Project</li><li>• Create IBM Cloud Account</li><li>• Install IBM Cloud CLI</li><li>• Docker CLI Installation</li><li>• Create An Account In Sendgrid</li></ul> | All Members | In Progress |
| 2.              | Implementing Web Application       | <ul style="list-style-type: none"><li>• Create UI To Interact With Application</li></ul>  | All Members | In Progress |
| 3.              | Integrating SendGrid Service       | <ul style="list-style-type: none"><li>• SendGrid Integration With Python Code</li></ul>   | All Members | In Progress |
| 4.              | Deployment Of App In               | <ul style="list-style-type: none"><li>• Containerize The App</li><li>• Upload Image To IBM</li></ul>  | All Members | In Progress |

|    |                           |  |             |             |
|----|---------------------------|--|-------------|-------------|
|    | IBM Cloud                 | Container Registry <ul style="list-style-type: none"> <li>• Deploy In Kubernetes</li> </ul>  |             |             |
| 5. | Ideation Phase            | <ul style="list-style-type: none"> <li>• Literature Survey On The Selected Project &amp; Information Gathering</li> <li>• Prepare Empathy Map</li> <li>• Ideation</li> </ul> | All Members | Completed   |
| 6. | Project Design Phase – I  | <ul style="list-style-type: none"> <li>• Proposed Solution</li> <li>• Problem Solution Fit</li> <li>• Solution Architecture</li> </ul>                                       | All Members | Completed   |
| 7. | Project Planning Phase    | <ul style="list-style-type: none"> <li>• Prepare Milestone &amp; Activity List</li> <li>• Sprint Delivery Plan</li> </ul>  | All Members | Completed   |
| 8. | Project Development Phase | <ul style="list-style-type: none"> <li>• Delivery Of Sprint-1</li> <li>• Delivery Of Sprint-2</li> <li>• Delivery Of Sprint-3</li> <li>• Delivery Of Sprint-4</li> </ul>     | All Members | In Progress |