

MILESTONE AND ACTIVITY LIST

| | |
|---------------|--|
| Date | 27 October 2022 |
| Team ID | PNT2022TMID23162 |
| 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 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 | <ul style="list-style-type: none"> • Create Flask Project • Create IBM Cloud Account • Install IBM Cloud CLI • Docker CLI Installation • Create An Account In Sendgrid | All Members | In Progress |
| 2. | Implementing Web Application | <input type="checkbox"/> Create UI To Interact With Application | All Members | In Progress |
| 3. | Integrating SendGrid Service | <input type="checkbox"/> SendGrid Integration With Python Code | All Members | In Progress |
| 4. | Deployment Of App In | <ul style="list-style-type: none"> • Containerize The App • Upload Image To IBM | All Members | In Progress |

| | | | | |
|----|---------------------------|--|-------------|-------------|
| | IBM Cloud | Container Registry <input type="checkbox"/> Deploy In Kubernetes | | |
| 5. | Ideation Phase | <input type="checkbox"/> Literature Survey On The Selected Project & Information Gathering <input type="checkbox"/> Prepare Empathy Map <input type="checkbox"/> Ideation | All Members | Completed |
| 6. | Project Design Phase – I | <input type="checkbox"/> Proposed Solution <input type="checkbox"/> Problem Solution Fit <input type="checkbox"/> Solution Architecture | All Members | Completed |
| 7. | Project Planning Phase | <input type="checkbox"/> Prepare Milestone & Activity List <input type="checkbox"/> Sprint Delivery Plan | All Members | Completed |
| 8. | Project Development Phase | <input type="checkbox"/> Delivery Of Sprint-1 <input type="checkbox"/> Delivery Of Sprint-2 <input type="checkbox"/> Delivery Of Sprint-3 <input type="checkbox"/> Delivery Of Sprint-4 | All Members | In Progress |