# MILESTONE AND ACTIVITY LIST

| DATE | 18 OCT 2022 |
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| TEAM ID | PNT2022TMID32660 |
| PROJECT NAME | SKILL AND JOB RECOMMENDER |
| MAXIMUM MARKS | 4 Marks |

| Milestones | Activities | Description |
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| Setting Up Application Environment | Create Flask Project | To develop the application that developers are advised to install all the require developments tools before starting to build it |
| | Create IBM Cloud Account | |
| | Install IBM Cloud CLI | |
| | Docker CLI Installation | |
| | Create an account in SendGrid | |
| Implementing Web Application | Create UI Interact With Application | To create a space for users to make use of the services and to connect and application with backend |
| | Create IBM DB2 and Connect with python | |
| Integrating SendGrid Services | SendGrid Integration with python code | To enable mailing services |
| Developing a Chatbot | Building Chatbot and Integrate to Application | To build a chatbot that helps the user to find the best job suitable for there skill |
| Deployment of App in IBM Cloud | Containerize the Application | To containerized the application and deploy the entire project in IBM Cloud |
| | Upload image to IBM Container Registry | |
| | Deploy in Kubernetes Cluster | |
| In this Activity you are Expected to develop and submit the | Literature survey on the selected project and information gathering | To refer papers related to our application and also empathize the users experience |
| | Prepare empathy map | |

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| developed code by testing it | Ideation | |
| Project Design phase I | Proposed solution | In this activity you are expected to prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc |
| | Problem solution fit | In this activity you are expected to prepare problem - solution fit document and submit for review. |
| | Solution Architecture | In this activity you are expected to prepare solution architecture document and submit for review |
| Project Design Phase II | Customer journey | Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit). |
| | Functional Requirements | In this activity you are expected to prepare the functional requirement document. |
| | Data Flow Diagram | In this activity you are expected to prepare the data flow diagrams and submit for review. |
| | Technology Architecture | In this activity you are expected to draw the technology architecture diagram. |

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| Project Planning Phase | Prepare milestone and Activity list<br><br>Sprint Delivery Plan | In this milestone you are expected to prepare milestones & tasks, sprint schedules. |
| Project Development Phase | Delivery of sprint I<br>Delivery of sprint II<br>Delivery of sprint III<br>Delivery of sprint IV | In this milestone you will start the project development and expected to perform the coding & solutioning, acceptance testing, performance testing based as per the sprint and submit them |