

## **Project Planning Phase**

### **Milestone and Activity List**

|                         |  |
|-------------------------|--|
| <b>Date</b>             | 25 October 2022  |
| <b>PNT2022TMID00416</b> | <b>PNT2022TMID00416</b>  |
| <b>Project Name</b>     | <b>Project - Hazardous Area Monitoring for Industrial Plant powered by IoT</b> |

| <b>TITLE</b>   | <b>DESCRIPTION</b>  | <b>DATE</b>                     |
|--|---|---------------------------------|
| <b>Literature Survey &amp; Information Gathering</b> | Literature survey on the selected project & gathering information by referring to technical papers, research publications etc., | 24 <sup>th</sup> September 2022 |
| <b>Problem Statement</b>                             | Problem statement to describe the problem.  | 24 <sup>th</sup> September 2022 |
| <b>Prepare Empathy Map</b>                           | Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements.                               | 24 <sup>th</sup> September 2022 |
| <b>Ideation</b>                                      | List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.          | 24 <sup>th</sup> September 2022 |

|                          |  |                              |
|--------------------------|--|------------------------------|
| <b>Proposed Solution</b> | Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc., | 03 <sup>rd</sup> October2022 |
|--------------------------|--|------------------------------|

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| <b>Problem Solution Fit</b> | Prepare problem – solution fit document. | 03 <sup>rd</sup> October2022 |
|-----------------------------|--|------------------------------|

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|---|---|--------------------------------|
| <b>Solution Architecture</b>                                  | Prepare a solution architecture document.   | 05 <sup>th</sup> October2022   |
| <b>Customer Journey</b>                                       | Prepare the customer journey maps to understand the user interactions & experiences with the application (Entry to exit). | 15 <sup>th</sup> October 2022  |
| <b>Functional Requirement</b>                                 | Prepare the functional requirement document.  | 13 <sup>th</sup> October 2022  |
| <b>Data Flow Diagrams</b>                                     | Draw the data flow diagrams and submit for review.  | 10 <sup>th</sup> October 2022  |
| <b>Technology Architecture</b>                                | Prepare the technology architecture diagram.  | 15 <sup>th</sup> October 2022  |
| <b>Prepare Milestone &amp; Activity List</b>                  | Prepare the milestones & activity list of the project.  | 25 <sup>th</sup> November 2022 |
| <b>Project planning</b>                                       | Prepare the project planning chart document   | 25 <sup>th</sup> November 2022 |
| <b>Project Development - Delivery of Sprint-1,2,3 &amp; 4</b> | Develop & submit the developed code by testing it.  | In Progress...                 |



