Project Planning Phase Milestone and Activity List

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| Date | 3 November 2022 |
| Project Name | Hazardous Area Monitoring for Industrial Plant Powered by IoT |

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| **TITLE** | **DESCRIPTION** | **DATE** |
| **Literature Survey &** | Literature survey on the | 8 OCTOBER 2022 |
| **Information Gathering** | selected project & gathering |
|  | information by referring the, |
|  | technical papers, research |
|  | publications etc. |
| **Prepare Empathy Map** | Prepare Empathy Map Canvas | 1 OCTOBER 2022 |
| to capture the user Pains & |
| Gains, Prepare list of problem |
| statements |
| **Ideation** | List the by organizing the | 12 OCTOBER 2022 |
| brainstorming session and |
| prioritize the top 3 ideas |
| based on the feasibility & |
| importance. |
| **Proposed Solution** | Prepare the proposed solution | 3 OCTOBER 2022 |
| document, which includes the |
| novelty, feasibility of idea, |
| business model, social impact, |
| scalability of solution, etc. |
| **Problem Solution Fit** | Prepare problem - solution fit | 15 OCTOBER 2022 |
| document. |
| **Solution Architecture** | Prepare solution architecture | 15 OCTOBER 2022 |
| document. |

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| **Customer Journey** | Prepare the customer journey | 17 OCTOBER 2022 |
| maps to understand the user |
| interactions & experiences |
| with the application (entry to |
| exit). |
| **Functional Requirement** | Prepare the functional | 17 OCTOBER 2022 |
| requirement document. |
| **Data Flow Diagrams** | Draw the data flow | 17 OCTOBER 2022 |
| diagrams and submit for |
| review. |
| **Technology Architecture** | Prepare the | 25 OCTOBER 2022 |
| technology |
| architecture diagram. |
|  | Prepare the milestones & | 3 NOVEMBER 2022 |
| **Prepare Milestone & Activity** | activity list of the project. |
| **List** |  |
|  | Develop & submit the | IN PROGRESS |
| **Project Development -** | developed code by testing it. |
| **Delivery of Sprint-1, 2, 3 & 4** |  |