Project Planning Phase

**Milestone and Activity List**

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| Date | 09 November 2022 |
| Team ID | PNT2022TMID15947 |
| Project Name | Industry-specific intelligent fire management system |
| Team Members | Balaji P (Team Leader)  Akilan A  Dinesh S  Arun R |

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| TITLE | DESCRIPTION | DATE |
|  | A literature review is a |  |
|  | comprehensive summary of |  |
|  | previous researches on the |  |
| Literature Survey& | topic. The literature review |  |
| Information Gathering | surveys scholarly articles, | 12 October 2022 |
|  | books, and other sources |  |
|  | relevant to a particular area of research. |  |
| Prepare Empathy Map | An empathy map is a collaborative tool teams can use to gain a deeper insight into their customers. It helps  us to understand the  customer’s pain, gain and difficulties from their point of view. | 12 October 2022 |
|  | problem-solving |  |
| Ideation -  Brainstorming | method that helped us to gather and organize various | 13 October 2022 |
|  | ideas and thoughts from |  |
|  | teammembers. |  |

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|  | Problem Solution Fit | It helped us understand and analyze all the  thoughts of our customer, their choice of options, problems, root cause,  behavior and emotions. | 14 October 2022 |  |
|  | It helped us analyze and  examine our solution more |  |
| Proposed solution | in the grounds of uniqueness, social impact, business model, scalability  etc. | 15 October 2022 |
|  | Solution architecture is a  complex process – with |  |
|  | many sub-processes – |  |
| Solution Architecture | that bridges the gap  between business problems and technology | 16 October 2022 |
|  | solutions. It helped us understand the features and components used to  complete the project. |  |
|  | It helped to analyse the  various steps, interactions, |  |
| Customer journey | goals and motivation, positives, negatives and  opportunities. | 16 October 2022 |
|  | It briefs about functional  and non-functional |  |
| Functinal requirements | requirements. It involves the various steps in the entire process. It also  specifies features | 17 October 2022 |
|  | usability, security, reliability, performance, availability and  scalability. |  |
|  | A tech stack is the combination of  technologies a company |  |
| Technology Architecture | uses to build and run an application or project. It helps us analyse and understand various technologies that needs to be implemented in the  project. | 17 October 2022 |
| Data flow Diagrams | A Data Flow Diagram (DFD) is a traditional  visual representation of | 18 October 2022 |

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|  | the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored. |  |
| Sprint Delivery plan | Sprint Planning is an event in scrum that defines what can be delivered in the  upcoming sprint and how that work will be achieved. It helps us to organize and complete the work  effectively and efficiently. | 05 November 2022 |
| Prepare milestone and activity list | Helps us understand and evaluate our progress and accuracy so far. | 07 November 2022 |
| Project Development - Delivery of Sprint-1 | Develop and submit the developed code by testing it. | In progress |