**Project Planning Phase**

**Milestone & Activity List**

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| **Date** | **29 October 2022** |
| **Team ID** | **PNT2022TMID00315** |
| **Project Name** | **IoT based smart crop protection system for agriculture** |

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| **TITLE** | **DESCRIPTION** | **DATE** |
| Literature Survey on The Selected Project and Information Gathering | A literature review is a summary of earlier studies on the subject at hand. Books, online research papers, and other sources can all be used for the literature review. | 23 September 2022 |
| Prepare Empathy Map | A visualization tool called Empathy Map can be utilized to gain a deeper understanding of the customer. | 18 September 2022 |
| Ideation-Brainstorming | During a brainstorming session, which is a form of collaborative problem-solving, team members exchange, organize, and discuss ideas. | 19 September 2022 |
| Define Problem Statement | A Problem Statement is a succinct summary of the problem or problems that a project aims to solve. The current state, the anticipated future state, and any gaps between the two are all mentioned in the problem statement. | 18 September 2022 |
| Problem Solution Fit | This helps in our comprehension of the customer's thoughts, preferences, actions, and other feelings. | 01 October 2022 |
| Proposed Solution | The suggested solution demonstrates the present approach and aids in achieving the goal until it is realized. | 19 September 2022 |
| Solution Architecture | Solution Architecture is an extremely intricate process with numerous branches and sub-processes. It aids in comprehending the features and components needed to finish our project. | 30 September 2022 |
| Customer Journey | Analyzing from the viewpoint of a customer who uses our project is beneficial to us. | 8 October 2022 |
| Functional Requirement | Here, the briefing covers both functional and nonfunctional needs. It possesses particular attributes including usability, security, performance, dependability, availability, and scalability. | 15 October 2022 |
| Data Flow Diagrams | A data flow diagram is a graphical or visual depiction that explains how data is moved through an organization's processes using a standardized set of symbols and notations. | 14 October 2022 |
| Technology Architecture | Technology Architecture is a better defined version of solution architecture. It helps us analyze and understand various technologies that needs to be implemented in the project. | 15 October 2022 |
| Prepare Milestone & Activity List | It helps us to understand and evaluate our own progress and accuracy so far. | 29 October 2022 |
| Spring Delivery Plan | Sprint planning is an event in scrum that kicks off the sprint. The purpose of sprint planning is to define what can be delivered in the sprint and how that work will be achieved. | In Progress |