

## Project Planning Phase

### Milestone & Activity List

|              |  |
|--------------|--|
| Date         | 05 November2022  |
| Team ID      | PNT2022TMID00031                                       |
| Project Name | IoT based smart crop protection system for Agriculture |

| TITLE   | DESCRIPTION  | DATE              |
|---|--|-------------------|
| Literature Survey on The Selected Project and Information Gathering | A Literature Survey is a compilation summary of research done previously in the given topic. Literature survey can be taken from books, research paper online or from any source.                            | 20 September 2022 |
| Prepare Empathy Map   | Empathy Map is a visualization tool which can be used to get a better insight of the customer  | 22 September 2022 |
| Ideation-Brainstorming  | Brainstorming is a group problem solving session where ideas are shared, discussed and organized among the team members.   | 28 September 2022 |
| Define Problem Statement  | A Problem Statement is a concise description of the problem or issues a project seeks to address. The problem statement identifies the current state, the desired future state and any gaps between the two. | 20 September 2022 |
| Problem Solution Fit  | This helps us to understand the thoughts of the customer their likes, behaviour, emotions etc.   | 01 October 2022   |
| Proposed Solution   | Proposed solution shows the current solution and it helps is going towards the desired result until it is achieved.  | 18 October 2022   |
| Solution Architecture   | Solution Architecture is a very complex process I.e it has a lot of sub-processes and branches. It helps in understanding the components and features to complete our project.                               | 18 October 2022   |
| Customer Journey  | It helps us to analyse from the perspective of a customer, who uses our project.   | 01 November 2022  |
| Functional Requirement  | Here functional and nonfunctional requirements are briefed. It has   | 01 November 2022  |

|                                   |   |                  |
|-----------------------------------|---|------------------|
|                                   | specific features like usability, security, reliability, performance, availability and scalability.   |                  |
| Data Flow Diagrams                | Data Flow Diagram is a graphical or visual representation using a standardized set of symbols and notations to describe a business's operations through data movement.                | 03 November 2022 |
| Technology Architecture           | Technology Architecture is a more well defined version of solution architecture. It helps us analyze and understand various technologies that needs to be implemented in the project. | 03 November 2022 |
| Prepare Milestone & Activity List | It helps us to understand and evaluate our own progress and accuracy so far.  | 06 November 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.   | 06 November 2022 |