

Project Planning Phase

Milestone & Activity List

Date	02 November 2022
Team ID	PNT2022TMID22860
Project Name	IoT based smart crop protection system for agriculture

TITLE	DESCRIPTION	DURATION
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.	1 WEEK
Prepare Empathy Map	Empathy Map is a visualization tool which can be used to get a better insight of the customer	1 WEEK
Ideation-Brainstorming	Brainstorming is a group problem solving session where ideas are shared, discussed and organized among the team members.	1 WEEK
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.	1 WEEK
Problem Solution Fit	This helps us to understand the thoughts of the customer their likes, behaviour, emotions etc.	1 WEEK
Proposed Solution	Proposed solution shows the current solution and it helps is going towards the desired result until it is achieved.	1 WEEK
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.	1 WEEK
Customer Journey	It helps us to analyse from the perspective of a customer, who uses our project.	1 WEEK

Functional Requirement	Here functional and nonfunctional requirements are briefed. It has specific features like usability, security, reliability, performance, availability and scalability.	1 WEEK
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.	1 WEEK
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.	1 WEEK
Prepare Milestone & Activity List	It helps us to understand and evaluate our own progress and accuracy so far.	1 WEEK
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