

Project Planning Phase Milestone and Activity List

Date	03 November 2022
TeamID	PNT2022TMID31713
ProjectName	Project–Smart Farmer - IoT Enabled Smart Farming Application

TITLE	DESCRIPTION	DATE
Literature Survey & Information gathering	A literature review is a thorough summary of earlier studies on the subject. The literature review examines academic books, papers, and other sources that are pertinent to a particular field of study.	17 October 2022
Prepare Empathy Map	Teams can utilize an empathy map as a collaborative tool to learn more about their customers. Understanding the customer's problems from their perspective helps us.	17 October 2022
Ideation-Brainstorming	Using the group problem-solving technique of brainstorming, we were able to collect and arrange different thoughts and ideas from our team members.	18 October 2022
Define Problem statement	The problem statement directs our attention to the critical factors in developing human experiences. As a result, we were able to solve the problems in the best possible way.	17 October 2022
Problem Solution Fit	It aided in our comprehension and analysis of all of our clients' thoughts, decisions, issues, behaviours, and emotions.	27 October 2022

Proposed solution	It assisted us in further analyzing and evaluating our solution in terms of its originality, social effect, business strategy, scalability, etc.	27 October 2022
Solution Architecture	A complicated process with multiple sub-processes, solution architecture serves as a bridge between technological solutions and business concerns. It made it easier for us to comprehend the project's features and components.	27 October 2022
Customer journey map	Analyzing the many phases, interactions, goals, and motivations, as well as the benefits, drawbacks, and chances, was helpful.	28 October 2022
Solution requirements	The functional and non-functional needs are briefly discussed. It includes all of the phases that make up the overall procedure. Usability, security, dependability, performance, availability, and scalability are also specified as features.	28 October 2022
Technology stack	The collection of technologies a business utilizes to create and manage a project or application is known as a tech stack. It aids in the analysis and comprehension of the numerous technologies that must be used in the project.	28 October 2022
Data Flow	<p>The information flows inside a system are traditionally shown visually in a data flow diagram (DFD). A tidy and understandable DFD may visually represent the appropriate quantity of the system demand.</p> <p>It demonstrates where and how data are kept as well as how and why they change as they enter and exit the system.</p>	28 October 2022

Sprint Delivery plan	In scrum, the sprint planning meeting establishes the deliverables and methodology for the following sprint. It aids in the effective and efficient organization and completion of the task.	09 November 2022
Prepare milestone and activity list	Helps us comprehend and assess our current development and accuracy.	11 November 2022
Project Development-Delivery of Sprint-1	Creating account and adding Device.	11 November 2022
Project Development-Delivery of Sprint-2	Develop and submit the developed code.	11 November 2022
Project Development-Delivery of Sprint-3	Building web application using Node-Red.	11 November 2022
Project Development-Delivery of Sprint-4	Developing Application for the Smart farm app using MIT App Inventor.	11 November 2022