

PROJECT PLANNING PHASE

MILESTONES AND ACTIVITY LIST

Date	19 th November 2022 (last date of updation)
Team ID	PNT2022TMID12810
Project Name	SmartFarmer – IoT Enabled Farming Application
Submitted by	Tharun G (718019L144)

TITLE	DESCRIPTION	DATE
Literature survey	Gathering information related to problem statement by studying various research papers	20 th September 2022
Empathy map preparation	Preparing canvas to understand user gains, pains and finalizing a list of problems faced by farmers.	22 nd September 2022
Ideation – Brainstorming	Organizing multiple meets to brainstorm and conclude solution to the listed problems with better feasibility and performance.	03 rd October 2022
Proposed Solution	Consolidating the ideas from brainstorm session and proposing the best solution which is flexible, scalable and practically efficient in real world.	15 th October 2022
Solution Fit	Evaluating the fitness of the proposed solution and documenting it.	
Solution Architecture	Preparing the solution architecture for better view of the proposed solution and to decide how to proceed further in project.	
Customer Journey	This is to understand the user interactions with the product and their experience with the user interface.	17 th October 2022
Data flow diagram	Prepare the data flow diagram depicting the work flow of project.	
Tech architecture/stack	List out the various softwares, hardwares, open source platforms, apis and other resources needed for project	
Milestones preparation	Prepare the milestones done so far and for upcoming progress	20 th October 2022
Project development phase on basis of 4 sprints (4 Weeks)	Developing Application and integrating circuit through ibm cloud and node red	Completed by 18 th November 2022