PROJECT PLANNING PHASE
Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID30027
Project Name	Smart Farmer - IOT Enabled Smart Farming Appication

Milestone and Activity list

S.No	Milestone	Activities	Start	Finish	Status
1.	IBM Cloud Services	Create an IBM account	22/08/22	27/08/22	Complete
	☣ Pre Requistics		22/08/22	27/08/22	Complete
	☣ MIT App Inverter	Sign up for MIT app Inverter for Creating Apps	22/08/22	27/08/22	Complete
	☣ Create an Account in Fast2sms Dashboard	Create an Account in Fast2sms	22/08/22	27/08/22	Complete
	☣ Software	Install Python IDLE 3.7.0	22/08/22	27/08/22	Complete
2.	Project Objectives	Prepare the Project Objectives	22/08/22	27/08/22	Complete
3.	Create and Configure IBM Cloud Services		03/10/22	19/10/22	Complete
	☣ Create a IBM Watson IoT Platform And A Device	Create a IBM Watson IoT Platform And A Device	03/10/22	10/10/22	Complete
	☣ Create Node RED Service	Create Node RED Service	10/10/22	19/10/22	Complete

4.	Develope a Python Script	Develope a Python code	12/10/22	19/10/22	Complete
5.	Build a Web application Using Node-RED Service	Build a Web application Using Node-RED Service	22/08/22		In Progress
6.	Develope A Mobile Applicaion	Develope A Mobile Applicaion	22/08/22		In Progress
7.	Ideation Phase		29/08/22	17/09/22	Complete
	☺ Literature Survey	Literature Survey On the selected Project & Information Gathering	29/08/22	03/09/22	Complete
	☺ Empathy Map	Prepare Empathy Map Canvasto Capture the User's Pain & Gain,Prepare List of Problem Statement	05/09/22	10/09/22	Complete
	☺ Ideation	List the Ideas by organizing the Brainstorming session & Importance	12/09/22	17/09/22	Complete
8.	Project Design Phase-I		12/09/22	01/10/22	Complete
	☺ Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	12/09/22	17/09/22	Complete
	☺ Problem Solution Fit	Prepare problem - solution fit document	26/09/22	01/10/22	Complete
	☺ Solution Architecture	Prepare Solution Architecture	26/09/22	01/10/22	Complete
9.	Project Design Phase-II		03/10/22	15/10/22	Complete
	☺ Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application	03/10/22	08/10/22	Complete
	☺ Functional Requirement	Prepare the Functional Requirement Document	10/10/22	15/10/22	Complete

	☺ Data Flow Diagrams & User Stories	Prepare the Data Flow Diagram Document & User Stories	10/10/22	15/10/22	Complete
	☺ Technology Architecture	Prepare Technology Architecture of the solution	10/10/22	15/10/22	Complete
10.	Project Planning Phase		17/10/22	22/10/22	Complete
	☺ Prepare mileston and Activity List	Prepare Milestone & Activity List	17/10/22	22/10/22	Complete
	☺ Sprint Delivery Plan	Prepare Sprint Delivery Plan	17/10/22	22/10/22	Complete
11.	Project Development Phase		24/10/22	19/11/22	In Progress
	☺ Delivery of Sprint-1	Attend the AMA / Expert Session- 1, Project Development - Delivery of Sprint-1	24/10/22	29/10/22	Not Started
	☺ Delivery of Sprint-2	Attend the AMA / Expert Session-2,Project Development - Delivery of Sprint-2	31/10/22	05/11/22	Not Started
	☺ Delivery of Sprint-3	Attend the AMA / Expert Session-3,Project Development Delivery of Sprint-3	07/11/22	12/11/22	Not Started
	☺ Delivery of Sprint-4	Attend the AMA / Expert Session-4,Project Development - Delivery of Sprint-4	14/11/22	19/11/22	Not Started

	Aug				Sep				Oct				Nov		
Jul 31	Aug 7	Aug 14	Aug 21	Aug 28	Sep 4	Sep 11	Sep 18	Sep 25	Oct 2	Oct 9	Oct 16	Oct 23	Oct 30	Nov 6	Nov 13	Nov 20	Nov

IBM Cloud Services

Pre Requistics

MIT App Inverter

Create an Account in Fast2sms Dashboard

Software

Project Objectives

Create and Configure IBM Cloud Services

Create a IBM Watson IoT Platform And A Device

Create Node RED Service

Develope a Python Script

Build a Web application Using Node-RED Service

Develope A Mobile Applicaion

Ideation Phase

Literature Survey

Empathy Map

Ideation

Project Design Phase-I

Proposed Solution

Problem Solution Fit

Solution Architecture

Project Design Phase-II

Customer Journey

Functional Requirement

Data Flow Diagrams & User Stories

Technology Architecture

Project Planning Phase

Prepare mileston and Activity List

Sprint Delivery Plan

Project Developm

Delivery of Sprint-1

Delivery of Sprint-2

Delivery of Sprint-3

Delivery of Sprin