

## PRE DEVELOPMENT PHASE

### PROJECT PLANNING

#### MILESTONE & ACTIVITY LIST

**Project Title :** Smart Farmer - IoT Enabled Smart Farming Application

**Team Id :** PNT2022MID32489

Milestone	Activity	Description	Date
Preparation Phase	Prerequisites, Registrations (IBM Cloud Login, Rocket Chat, GitHub Account) Environment Set-up	Access the resources (courses) in project dashboard Join the mentoring channel via platform & rocket-chat mobile app. Register on IBM Academic Initiative & Apply Feature code for IBM Cloud Credits Create GitHub account & collaborate with Project Repository in project workspace. Set-up the Laptop / Computers based on the prerequisites for each technology track	26 Aug 2022
Ideation Phase	Literature Survey, Empathize, Defining Problem Statement, Ideation	Literature survey on the selected project & Information Gathering. Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements. Attend the technology trainings as per the training Calendar. List the ideas (at least 4 per each team member) by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	16 Sep 2022
Project Design Phase -I	Proposed Solution, Problem-Solution Fit, Solution Architecture	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc. Prepare problem - solution fit document & Solution Architecture.	25 Sep 2022
Project Design Phase -II	Requirement Analysis, Customer Journey, Data Flow Diagrams, Technology Architecture	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit). Prepare the Functional Requirement Document & Data-Flow Diagrams.	14 Oct 2022
Project Planning Phase	Milestones & Tasks, Sprint Schedules	Prepare Milestone & Activity List, Sprint Delivery Plan.	21 Oct 2022
Project Development Phase	Coding & Solutioning, Acceptance Testing, Performance Testing	Project Development - Delivery of Sprint-1 Project Development - Delivery of Sprint-2 Project Development - Delivery of Sprint-3 Project Development - Delivery of Sprint-4	In Progress