Project Design Phase-I
Solution Architecture

Date	01 October 2022
Team ID	PNT2022TMID26544
Project Name	Project - Smart Farmer-IOT Enabled Smart Farming
Maximum Marks	4 Marks

Problem Statement:

Farmers should be in the farm field to monitor their crop field, if any emergency occurs for farmer to go outside there will be lack of irrigation in farm field which lead to damage in crops health

Solution:

IoT-based agriculture system helps the farmer to monitoring different parameters of his field like soil moisture, temperature, and humidity using some sensors by using a web or mobile application when the farmer is not near his field, he can make the decision whether to water the crop or postpone it by monitoring the sensor parameters and controlling the motor pumps from the mobile application itself.

Solution Architecture Diagram: