Project Design Phase-I
Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID14876
Project Name	Project - Smart Farmer-Iot-based smart farming application
Maximum Marks	4 Marks

Solution Architecture:

- **IoT-based agriculture system helps the farmer in monitoring different parameters of his field like soil moisture, temperature, and humidity using some sensors.**
- **Farmers can monitor all the sensor parameters by using a web or mobile application even if the farmer is not near his field. Watering the crop is one of the important tasks for farmers.**
- **They 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- IoT-based smart farming applications: