Project Design Phase-I
Solution Architecture

Date	18 October 2022
Team ID	PNT2022TMID04755
Project Name	Project – SmartFarmer- IOT Enabled Smart Farming Application
Maximum Marks	4 Marks

Solution Architecture Diagram:
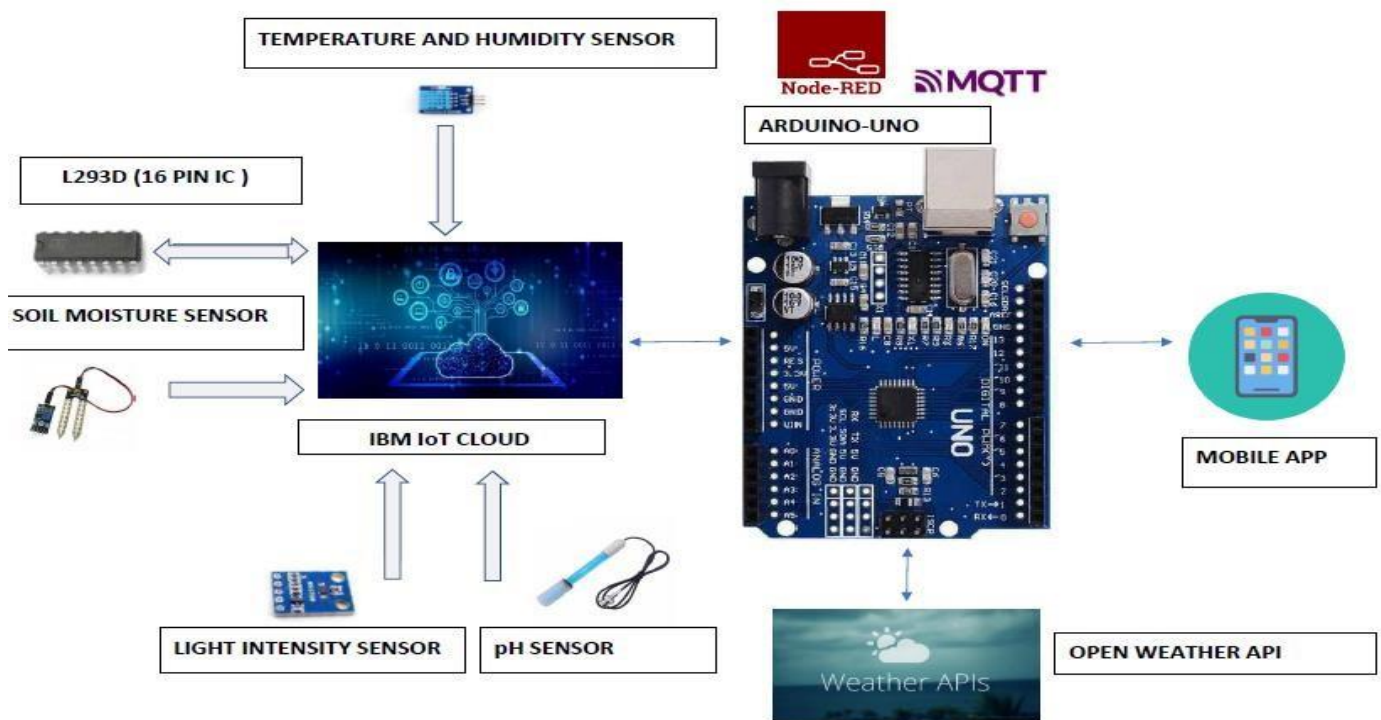
Solution Architecture:

- The various factors like temperature, soil moisture level, humidity are measured using various sensor and are stored in IBM cloud.

- The Arduino UNO is to process the data received from the sensor and weather from weather API.

- Node-RED is a programming tool for wiring the hardware devices, API and online services.

- MIT app Invertor is a visual programming environment that allows everyone to build fully functional apps.

- Extra care for plants to improve growth and save water for dry conditions.