<p align="center">**Project Design Phase-I**
Solution Architecture</p>

Date	19 September 2022
Team ID	PNT2022TMID48510
Project Name	Smart Farmer-IOT Enabled Smart FarmingApplication
Maximum Marks	4 Marks

Solution Architecture:
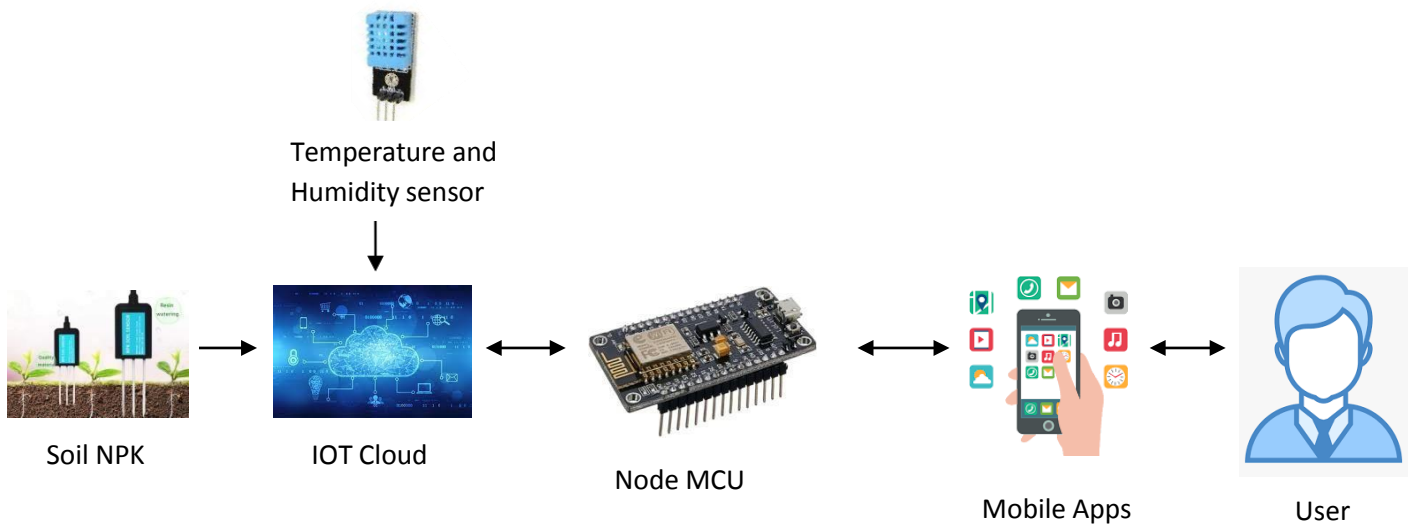
- The different soil parameters (temperature, humidity, soil moisture) are sensed using different sensors, and the obtained value is stored in the Cloud.

- NodeMCU is an open source which can connect objects and let data transfer using the Wi-Fi protocol. In addition, by providing some of the most important features of microcontrollers such as GPIO.

- All the collected data are provided to the user through a mobile application that was developed using app inventor. The user could make a decision through an app, that what crop is suitable for the soil in the particular season by the humidity and temperature check. By using the app, they can be remotely operated by the user.