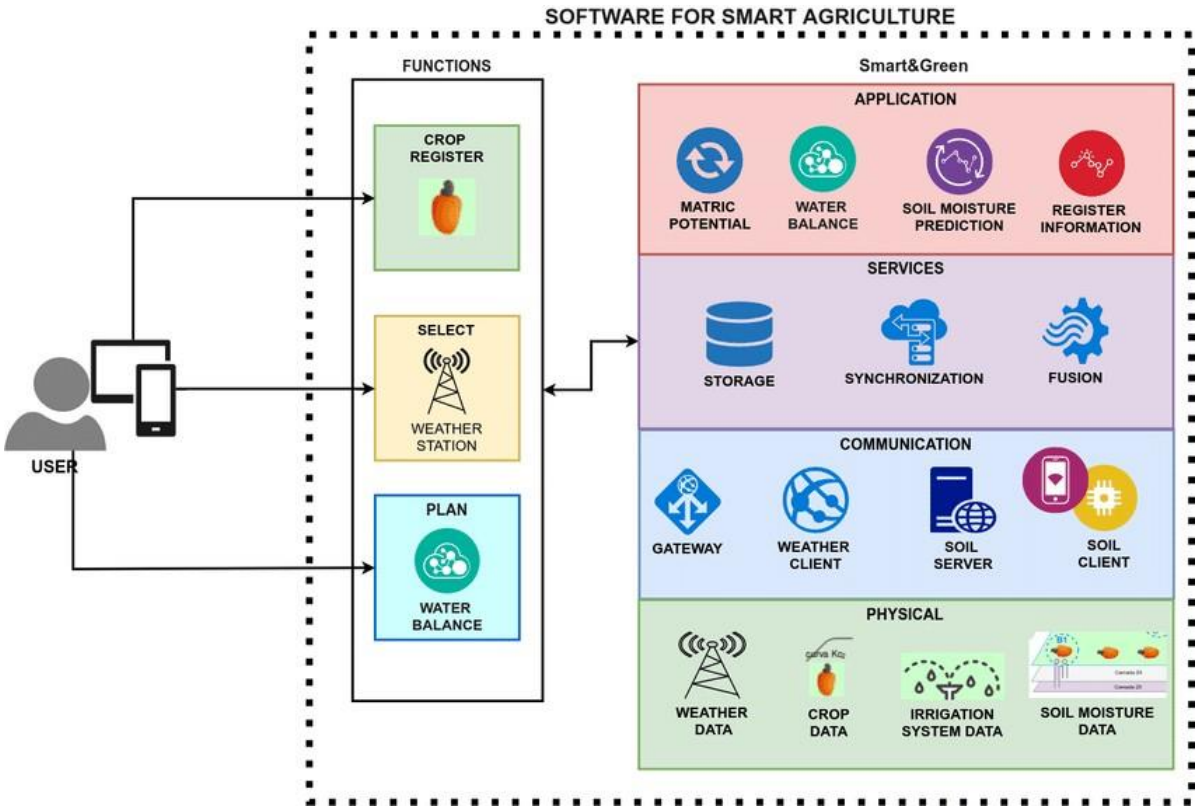
Project Design Phase-I
Solution Architecture

Date	29 September 2022
Team ID	PNT2022TMID24924
Project Name	Project – Smart farmer-IoT enabled smart farming application.
Maximum Marks	4 Marks

Solution Architecture Diagram:



1.The different soil parameters (temperature, humidity, Soil Moisture) are sensed using different sensors, and the obtained value is stored in the IBM cloud.

2. Node-red is used as a programming tool to wire the hardware, software, and APIs.

3. Arduino UNO is used as a processing unit that processes the data obtained from sensors and weather data from weather API.