

## NALAIYA THIRAN WEEK 2 REPORT

**Domain :** Internet Of Things(IoT)

**Project Title:** IoT Based Smart Crop Protection System For Agriculture

**Team ID:** PNT2022TMID15746

**GitHub ID:** <https://github.com/IBM-EPBL/IBM-Project-24229-1659940305>

**Mentor Name:** P. Ilampiray

**Team Members:** Madhushree K(Team Leader) – 111719104088

Kosuru Harshitha – 111719104081

Kongara Deepika – 111719104080

Kaluva Vandana – 111719104069

**Phase 2 Description:** Ideation Phase (Literature Survey, Empathize, Defining Problem Statement, Ideation)

### **2.1** Literature survey on the selected project & Information Gathering

Collected the relevant information on project use-case, referred the existing solutions, technical papers, research publications etc.

#### **Paper 1 - A Survey on Smart Agricultural System using IoT**

Publisher - IJERT

Reference -

<https://www.ijert.org/a-survey-on-smart-agricultural-system-using-iot>

#### **Paper 2 - A Literature Survey on Smart Agriculture Monitoring and Control System Using IOT**

Publisher - IJRASET

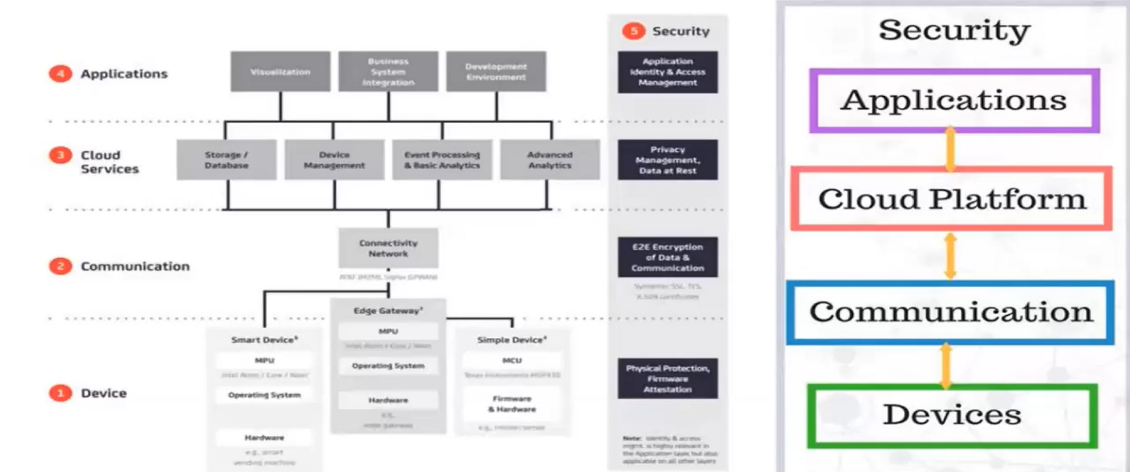
Reference -

<https://www.ijraset.com/research-paper/smart-agriculture-monitoring-and-control-system-using-iot>

2.2 Attended the technology trainings as per the training calendar

**IoT - B4 - 4M6E (Morning Session) - Day 1 (01.09.2022)**

## IoT ARCHITECTURE



IoT - B4 - 4M6E (Morning Session) - Day 1

## TYPES OF ARDUINO

### Enhanced Boards



### IOT Board



**IoT-B4-4M6E (Evening Session)-Day-2 (03.09.2022)**

