PROJECT MILESTONE

IoT Based Smart Crop Protection System for Agriculture

Team ID: PNT2022TMID02383
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Project Milestone

01.

1 WEEK - INFORMATION GATHERING

Gathering requirements and basic equipments for the project.

02.

1-2 WEEK - ASSIGNING

Assigning task for each person and spliting the project work based on the technical and project requirements.

03.

2-3 WEEK- DESIGNING

Understanding the functional requirements of the project and creating architecture diagram and flow chart. Creating outer layer of UI design.

04.

3 WEEK- CODING & TESTING

Creating Python code and web interface based on node red js and connecting the IOT device by python scripts and report it in web interface.

05.

1 WEEK- FINAL RELEASE

Publishing of product into market after alpha and beta testing and customer feedback will be gathered to improve the project.

Understanding the project Requirement

Assigning the team members & creating the repository in github. Assigning the task to each member and teaching how to use, open and access the GitHub and IBM Career Education.
Duration: 1 week

Starting of Project

Advicing students to attend classes in IBM portal. Creating and developing a rough diagram based on the project description and gather information of IOT and IBM project.

Duration: 1 week

Attend Classes

Team members & team leaders must watch and learn from classes provided by IBM and Nalaya thiran and need to gain access of MIT license for their project.
Duration: 4 weeks

Budget and scope of the project

Budget & analyse the use of IOT in the project and discuss with the team for budget prediction to predict the favourability of the customer to buy the product for efficient use of the product among the environment.
Duration: 1 week