

## **PROJECT MILESTONE & ACTIVITY LIST**

<b>Team ID</b>	<b>PNT2022TMID41050</b>
<b>Team Name</b>	<b>Fertilizer Recommendation System for Disease Prediction</b>

### **Milestone:**

- ❖ An AI based crop yield disease prediction system will help farmers protect crops from various diseases by feeding the name of the affected disease to a machine learning algorithm while analyzing a picture of the plant.
- ❖ The best answer for the farmer will be given in this project milestone and they can discover the self by using web application with completely user friendly and forward user interface.
- ❖ Additionally, we intend to add a crop suggestion system based on soil nutrient and a nutrient fertilizer suggestion for healthy crop growth displaying nearby fertilizer shops in a map.

### **Activity List:**

Phase1:

Information collection and requirement Analysis

Phase2:

Project Planning and Developing Modules

Phase3:

Implementing a High-Accuracy Deep Learning Algorithm to perform

Phase4:

Deploying the model to the Cloud Testing the model and UI Performance

**(A)Initiation phase:**

- Project definition-project constraints and problem statements.

**(B)Planning phase:**

- Detailed palnning-estimation and scheduling

**(C)Project closure:**

- Monitoring,controlling , closure &review

**(D)Execution phase:**

- Project team-acquisition,development & management



