

# **Problem statement**

## **Ideation phase**

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| Date         | 16 October 2022   |
| Team id      | PNT2022TMID03452  |
| Project name | Fertilizer recommendation system for disease prediction |
| Maximum mark | 2 marks   |

### **Problem statement**

**In today's world, agriculture is very important for life and helps conserve natural resources. Agriculture is very difficult in the current scenario as many natural disasters occur every day. Most plants are affected by many diseases due to water, air and soil pollution. Identifying disease is one of the biggest hurdles in agriculture. Leaf disease affects most plants, and finding the right fertilizer to cure it can be difficult. Early detection of the disease is very important and easy to treat.**

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| I am          | The farmer who is trying to cultivating the crops for huge profit and very control in using fertilizer on the crops. |
| I'm trying to | Use the recent technologies to avoid disease in crops and trying increase the quantity and quality of crops.         |
| But ,         | I am unaware of the existing technology that can help me a lot to predict the disease and I don't                    |

|                     |   |
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|                     | know to use the correct fertilizer for disease  |
| Because             | I don't want to spoil the soil quality and crops quality  |
| Which makes me feel | I'm not capable of cultivating the crops and maintaining the quality of land and producing good quality of crops. |