# V.S.B. ENGINEERING COLLEGE, KARUR

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**IBM NALAIYA THIRAN**

**PROJECT DESIGN PAHSE-1**

**SOLUTION**

**ARCHITECTURE**

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|---|---|
| Date | 19 September 2022 |
| Team ID | PNT2022TMID33383 |
| Project Name | Fertilizers Recommendation Systemfor Disease Prediction |
| Maximum Marks | 4 Marks |

## Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Predicting the fertilizers, Analyzing the disease in a tap makes the life of farmers easy with minimal subscriptions would provide an acceptable return for the organization. This action adds a lot of value to the company and the business in society.

- The device is created primarily for farmers. It detects many diseases in crops and recommends appropriate fertilizers to help them recover. It gives farmers vital information about farming techniques to assist them to enhance crop productivity.

- Providing a fertilizer recommendation system to enrich the soil and improve land productivity and system is evaluated by using appropriate timing and accuracy measures.

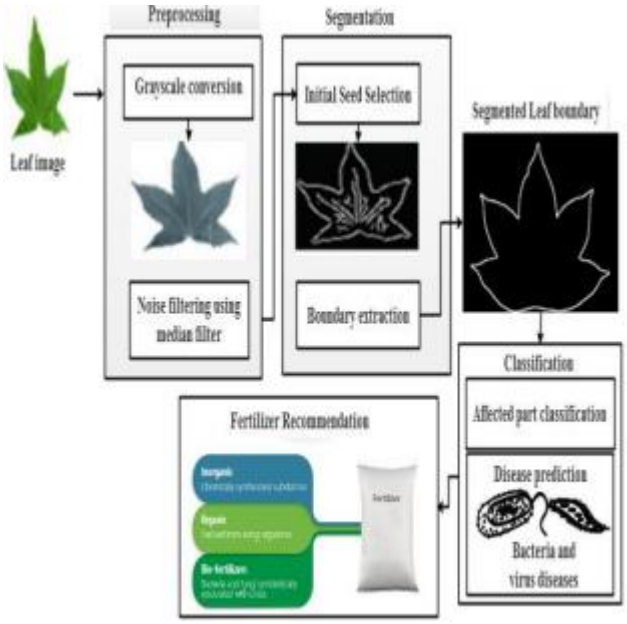
- Analyze data on symptoms, disease types, and medical treatments to provide the best solution for treating diseases. By providing the construction of a recommendation system that facilitates the identification of pest and the selection of suitable treatments.

- This depicts some promising results to present enhanced methods and tools for creating fully automated pest identification including the extraction with detection.

- Plants nowadays are affected by many diseases such as they cause devastating economic, social and ecological losses and many more. Hence, it is most important to identify plants disease in an accurate and timely way. Plant diseases can be extensively grouped by the idea of their essential causal operator, either irresistible or non-infectious**.**

## Solution Architecture Diagram:

**Fertilizers Recommendation System for Disease Prediction**




**Different approaches for the identification of leaf diseases**