# PROPOSED SOLUTION

1. PROBLEM STATEMENT:

Agriculture being the economy of India, crops, plants, trees etc should be nourished to increase the economy without a backdrop. Though there are lot of problems that arise from the root node till the leaf or bud, which are called as the plant disease. These problems in plants can be predicted and further recommendation of fertilizers can be rendered to make the plant healthy.

2. IDEA/SOLUTION DESCRIPTION:

The idea for the problem stated above can be solved by an automated disease prediction system that recommends the fertilizer to its customers. The pesticides can be recommended by comparing the current diseased pictures uploaded by the customers and a healthy picture. The recommendation of pesticides/fertilizers does not stop there but also leveraged by suggesting the shops that have the inventory of the recommended fertilizer.

3. NOVELTY/UNIQUENESS:

The solution to be developed will have a super-fast response when compared to the other applications on the web today. There are many applications that provide health advisory, calendar guides and guest speaker talk. But this application will predict the plant infection and will also suggest a healthy measure of recovering it to a healthy state.

4. SOCIAL IMAPACT/CUSTOMER SATISFACTION:

The application will be a major assistance for the farmers and people intrigued in the field of agriculture. For ex: There is a statistic that accounts on more than 15 Million downloads for an app named plantix. The level of customer satisfaction will simply be immeasurable as the yield increases and the automated work together provides an utmost customer satisfaction.

5. BUSINESS MODEL:

Increase in the users are directly proportional to the download rate that ultimately rises the revenue of the developer and the future growth of agriculture will always be in a boom irrespective of the technology diversities.

6. SCALABILITY OF SOLUTION:

The solution proposed can be used only to predict the plant disease or only to know the inventory of fertilizers in the shops nearby. The SAAS model will be easy to use interface alongside of being a franchise model.