

**PLANT DISEASE DETECTION IN REAL WORLD  
SCENARIOS USING DEEP LEARNING**

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## **ABSTRACT**

As you all know There is a large percentage of people globally who are work in the agricultural sector. The agricultural sector is one of the most important sectors of our country's economy as well. But as we all know one of the worst things in the agriculture field is these plant diseases that are destroying our farmers' crops. Identifying this plant disease by just looking at the changes is hard for humans.

Therefor that's why the author chose this research project to make a Plant Disease Detection Application in real world scenarios. This application will allow the user to take a picture of a plant disease and within few minutes it will output the Disease name and Details so that the user can take necessary actions against the plant disease. Also, the author has created his own plant disease database for this research project.