Title: AgriTech: An Android app for Lettuce Disease Detection using KNN Algorithm with Texture Features

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EXECUTIVE SUMMARY

The purpose of the study is to help farmers detect lettuce disease at early stage in order for them to produce healthy crop of lettuce. The researchers utilize agile scrum for the whole process of documentation and development phase.

In order for the development to be accomplished the researcher also utilize different tools to achieve the objectives of the study.

The application is able to classify disease using K-Nearest Neighbor algorithm for it is one of the easiest machine learning algorithms.