INFORMATICS INSTITUTE OF TECHNOLOGY

In Collaboration, with

UNIVERSITY OF WESTMINSTER (UOW)

BEng/BEng. (Hons) in Software Engineering

Final year Project 2016/2017

Predicting Plant Diseases

By

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ABSTRACT

Plants are the important source of energy, and the most important cause of the global warming is destroying plants. There are many diseases that affects the plant. Because of this, the farmers or the cultivation companies are financially getting affected. Therefore, this project represents a reach on predicting plant diseases. As this is the initial stage of the development, coconut tree was chosen. In the future, this project will enhance the research in predicting the diseases in all plants. A web application was designed and developed to predict the plant disease. Neural network deeplearing4J library technique was used in this project to predict the plant diseases. A survey was conducted to analyse the important of this application. Most of the people concluded saying it is an ideal platform to predict plant disease.