Food Plant Diseases Detection Application
Using Forward Chaining Method

Supervisor by Bety Etikasari, S.Pd, M.Pd. and Mr. Arshad Jamal

Haqiqi Ahmad Salman Alfarisi
Study Program of Informatics Engineering International Class
Majoring in Information Technology

ABSTRACT

This research develops a web-based application to detect plant diseases using the Forward Chaining method. This application has emerged as a valuable tool in the health and agriculture sectors, to aid in the early identification and monitoring of plant diseases. This application utilizes various features and functions to provide users with an easily accessible and convenient way to assess health status and detect potential plant diseases. In this study, researchers conducted detection using assessments through questionnaires regarding the symptoms experienced by plants. This application system is designed and implemented using the php programming language in Visual Studio Code. The main feature of this application is for assessment where users can see diseases that plants may suffer from and will get information about how to prevent and how treat them. However, it should be noted that this application serves as a tool and does not replace an in-person consultation with a doctor or plant pathologist.

Keywords: Food Plant disease, Forward Chaining, Diagnosis, expert system