MALLA REDDY COLLEGE
OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS INSTITUTION - UGC, GOVT. OF INDIA)
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DEPARTMENT OF COMPUTATIONAL INTELLIGENCE

III YEAR CSE - AIML I SEM

COURSE: APPLICATION DEVELOPMENT - 1 **COURSE CODE: R22A6692**

HUMAN DISEASE PREDICTION

ABSTRACT

This system is mainly based on Human Disease Prediction by using SVM(Support Vector Machine) algorithm. We make use of machine learning algorithm(SVM) to predict the diseases based on user-input symptoms.

By entering user input symptoms into the system, users can receive more precise predictions about their potential health conditions, improving early diagnosis and treatment. Traditional diagnostic methods often involve a combination of medical assessments and tests, which can be both time-consuming and expensive. Hence, this project aims to reduce the time-consuming and expenditures of the user. Health Apps with Symptom Checkers: Mobile apps offer symptom assessments and health advice based on simple predictive models. This project uses the Support Vector Machine algorithm to predict human diseases based on input symptoms.

Keywords: Support Vector Machine (SVM), Symptoms, Human Disease.

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