VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

A PROJECT REPORT ON

"TELL ME: KNOWLEDGE INFERENCE SYSTEM FOR TELEMEDICINE SCENARIO"

Submitted in partial fulfillment for the award of Degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

By

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CERTIFICATE

This is to certify that the project entitled **"TELL ME: KNOWLEDGE INFERENCE SYSTEM FOR TELEMEDICINE SCENARIO"** has been successfully completed by

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the bonafide students of **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2023–24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribedfor the Bachelor of Engineering Degree.

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ABSTRACT

Nowadays, humans face various diseases due to the current environmental condition and their living habits. The identification and prediction of such diseases at their earlier stages are much important, so as to prevent the extremity of it. It is difficult for doctors to manually identify the diseases accurately most of the time. The problem our Knowledge Inference System For Telemedicine Scenario is designed to address is the lack of access to healthcare information and services, especially in areas where healthcare resources are limited or inaccessible. Analyze the patient data and predict the disease based on the symptoms. These data helps in government agencies and NGO's to take necessary steps in addressing the right health services to the people. This Project aims to present the functionality and accuracy of different machine learning algorithms to detect the disease a patient is suffering from based on the information or the symptoms he/she enter into the system and provides the accurate results based on that information, if the patient is not much serious and the user just wants to know the type of disease, he/she has been through. It is a system which provides the user the tips and tricks to maintain the health system of the user and it provides a way to find out the disease using this prediction. Finally, a doctor will be suggested by the system to cure the predicted disease of the patient. This dataset would then be analyzed using different machine learning algorithms to deliver results with maximum accuracy. This Disease Prediction Using Machine Learning is completely done with the help of Machine Learning and Python Programming language with Django framework for it and also using the dataset that is available previously by the hospitals using that we will predict the disease.