

DEPARTMENT OF TECHNICAL EDUCATION



KLE SOCIETY'S

C. B. KORE POLYTECHNIC, CHIKODI-591201.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

Certified that this project report entitled "**DISEASE PREDICTION & DOCTOR RECOMMENDATION**" which is being submitted by **Mr. Shreyas Kumbar Reg. No 339CS20025**, bonafide student of **Chidanand B. Kore Polytechnic** in partial full fill meant for the award of **Diploma in Computer Science and Engineering** during the year **2022-23** is record of student's own work carried out under my/our guidance. It is certified that all corrections/suggestions indicated for internal Assessment have been incorporated in the Report and one copy of it being deposited in the polytechnic library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said diploma.

It is further understood that by this certificate the undersigned do not endorse or approve any statement made, opinion expressed or conclusion drawn there in but approve the project only for the purpose for which it is submitted.

Prof. S.S. KHOT

Prof S. P. KAPALI

Prof D.D BILLUR

Guide

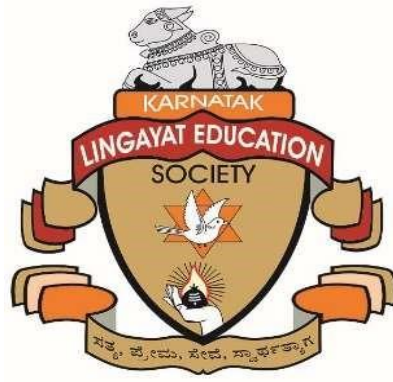
Head of Department

Principal

Name and signature of Examiner

1. _____

2. _____



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CHIKODI.**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BONAFIDE CERTIFICATE

Certified that this project report "DISEASE PREDICTION & DOCTOR RECOMMENDATION " is the bonafide work of **Mr. Shreyas Kumbar** bearing **Register No: 339CS20025** of this institution who carried out the project work under my supervision.

(Prof. S.S. KHOT)

Project Guide

(Prof. S. P. KAPALI)

Head of Department

CANDIDATE'S DECLARATION

I **Shreyas Kumbar** the student of the Diploma in Computer Science and Engineering Department bearing Register Number **339CS20025** of **KLE Society's CHIDANAND B. KORE POLYTECHNIC CHIKODI**, hereby declare that I owe full responsibility for the information, results, and conclusions provided in this project work titled **“DISEASE PREDICTION & DOCTOR RECOMMENDATION”** submitted to the **Board of Technical Examinations, Government of Karnataka** for the award of a Diploma in Computer Science and Engineering. To the best of my knowledge, this project work has not been submitted in part or full elsewhere to any other institution/organization for the award of any certificate/diploma/degree. I have completely taken care to acknowledge the contributions of others in this academic work. I further declare that in the event of any violation of intellectual property rights and particulars declared, found at any stage, I, as the candidate, will be solely responsible for the same.

Date:

Shreyas Kumbar

Place: Chikodi

Reg No 339CS20025

ACKNOWLEDGEMENT

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Shreyas Kumbar

EXECUTIVE SUMMARY

Disease prediction and doctor recommendation systems have become increasingly important in the healthcare industry. This executive summary provides an overview of a web-based solution that utilizes PHP, MySQL, JavaScript, HTML, CSS, and Bootstrap to implement disease prediction and doctor recommendation functionalities. These technologies enable the development of an intuitive and interactive platform for users to assess their disease risks and find suitable healthcare providers.

Key Features and Functionality:

The disease prediction and doctor recommendation system developed using PHP, MySQL, JavaScript, HTML, CSS, and Bootstrap encompasses the following key features:

User Registration and Profile Management: The system allows users to create accounts, providing essential personal information and medical history. Users can update their profiles and securely manage their data.

Disease Risk Assessment: The system incorporates machine learning algorithms to analyse user-provided information, including demographics, lifestyle choices, symptoms, and medical history. Based on these inputs, the system predicts the likelihood of developing specific diseases.

Doctor Recommendation: Using intelligent algorithms, the system suggests suitable healthcare providers based on the predicted disease risks and the user's location. It considers factors such as doctor's specialty, experience, patient reviews, and availability.

Interactive User Interface: The web-based platform features a user-friendly interface implemented using HTML, CSS, and Bootstrap. It offers an intuitive design, seamless navigation, and responsive layouts for optimal user experience across different devices.

Secure Data Management: The system employs MySQL as a database management system to store user data securely. It incorporates robust authentication and encryption mechanisms to protect sensitive information.