

**HEALTHCARE CHATBOT SYSTEM**

**ABSTRACT**

The Healthcare Chatbot System is an innovative solution designed to enhance accessibility to medical information and advice through an interactive, AI-powered chatbot. It aims to provide an accessible, real-time platform for users to receive medical advice and symptom analysis. It dynamically adapts responses based on user inputs, ensuring up-to-date recommendations and preventive measures. The system features live interaction capabilities, allowing users to escalate concerns for immediate consultation with healthcare professionals. Utilizing Natural Language Processing (NLP) and Machine Learning (ML), the chatbot offers personalized, accurate, and secure healthcare advice, enhancing patient engagement and streamlining healthcare service delivery.

**Name: Roll No. :**

**T.Abhinay 2111CS050068**

**D.Nikhil Reddy 2111CS050113**

**M.Nihanth Kumar 2111CS050112**

**Guide Name: Mr. S. Rajasekhar Reddy**

**Guide Sign:**