

Project Proposal

Title of Project : **(Surokkha)Healthcare Chatbot**

Introduction

In a world where information is readily available at our fingertips, access to accurate and reliable medical advice in one's native language is a crucial aspect of informed healthcare decision-making. The "Bangla Medical Chatbot" project is poised to address this very need by creating an innovative solution that bridges the gap between medical information and the Bengali-speaking population. By leveraging cutting-edge natural language processing (NLP) techniques and machine learning algorithms, this project aims to develop an intelligent and user-friendly chatbot that provides comprehensive medical insights, answers health-related queries, and empowers users to take charge of their well-being, all in the comfort of the Bangla language.

Motivation

In a nation as linguistically diverse as Bangladesh, ensuring that individuals can access medical information in their preferred language is paramount. Language should never be a barrier to understanding symptoms, seeking timely medical advice, or making informed decisions about personal health. The Bangla Medical Chatbot sets out to break down this language barrier by offering a sophisticated platform that is capable of understanding and responding to a wide array of medical inquiries, from the common to the complex.

Features:

- 1.Symptom Checker
- 2.Medical Information

- 3.First Aid Tips
- 4.Medication Information
- 5.Health Tips and Preventive Measures
- 6.Appointment Booking
- 7.Contextual Understanding
- 8.Learning and Continuous Improvement
- 9.Emergency Contacts
- 10.Credible Sources

Merits:

- 1.Accessibility and Convenience:
- 2.24/7 Availability
- 3.Quick Responses
- 4.Health Education
- 5.Reduced Anxiety:

Demerits:

- 1.Limited Diagnosis
- 2.Misinterpretation
- 3.Lack of Personalization
- 4.Unpredictable Scenarios
- 5.Technology Limitations



