



# DEPARTMENT OF APEX INSTITUTE OF TECHNOLOGY

## **PROJECT PROPOSAL**

### **1. Project Title: -**

HealthCare Chatbot System

### **2. Project Scope: -**

The scope of a healthcare chatbot system can be quite extensive. Here are a few areas in which healthcare chatbots can be useful:

**Health Monitoring:** Chatbots can be used to monitor a patient's health and provide recommendations based on their health data.

**Diagnosis:** Chatbots can be used to provide initial diagnosis for common ailments or health conditions.  
**Medication Management:** Chatbots can be used to remind patients to take their medications, refill prescriptions, and answer medication-related questions.

**Mental Health:** Chatbots can be used to provide mental health support, including counseling and therapy.  
**Emergency Response:** Chatbots can be used to provide emergency medical advice and support.  
**Health Education:** Chatbots can be used to provide patients with health education and information about their condition.

**Appointment Scheduling:** Chatbots can be used to schedule appointments with healthcare providers.  
Overall, healthcare chatbot systems have the potential to improve patient outcomes, reduce healthcare costs, and increase access to healthcare services.

### **3. Requirements: -**

#### ➤ Hardware Requirements

1. PC with minimum 8GB RAM and 64 bit processor

#### ➤ Software Requirements

1. Python with various libraries (NumPy, Pandas, Matplotlib, Scikit-learn, Tensorflow and Keras)
2. Anaconda software
3. Jupyter Notebook
4. Microsoft Visual Studio Code

### STUDENTS DETAILS

S.No	NAME	UID	SIGNATURE
01	ANKIT KUMAR	20BCS6801	

### APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Signature (With Date)