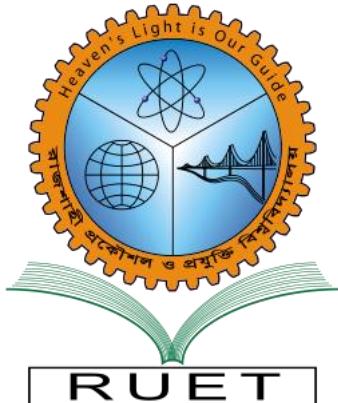


Heaven's Light is Our Guide



Rajshahi University of Engineering and Technology

CSE-2100

## SOFTWARE DEVELOPMENT PROJECT 1

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### User Manual For CureConnect

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Date: April 13, 2025

# Introduction

## ◆ What is CureConnect ?

CureConnect is an intelligent healthcare web application designed to simplify the process of finding the right doctor based on a user's symptoms. In a country like Bangladesh, where people often struggle to identify which specialist to consult, CureConnect bridges this gap using Natural Language Processing (NLP). Users can describe their health problems in everyday language, and the system will suggest possible conditions along with relevant doctors manually added for accuracy. This helps users take the first step towards the right medical care without confusion or delays.

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## ◆ Intended Use & Target Users:

CureConnect is intended for anyone seeking healthcare guidance but feeling unsure about which doctor to approach. Whether it's a common cold or a more complex issue, users can input their symptoms and get smart suggestions. The platform is especially beneficial for patients from rural or underinformed areas, as well as busy individuals looking for fast and relevant healthcare direction. It's built with user-friendliness in mind so that even people with limited technical knowledge can easily access and benefit from it.

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## ◆ Key Features

- **Symptom-Based Suggestions:** NLP extracts key terms from user input and matches them to possible conditions.
- **Curated Doctor Listings:** Manually added, trusted doctors with their specializations and contact details.
- **User-Friendly Interface:** Clean and responsive design that works well on all devices.
- **Awareness Sections:** Informative content about healthcare access and CureConnect's mission.
- **Future-Proof Design:** Scalable structure for adding location-based suggestions and mobile accessibility.

## System Requirements

To use CureConnect effectively, users should meet the following basic requirements:

- **Device:** Desktop, Laptop, Smartphone, or Tablet.
- **Browser:** Google Chrome, Mozilla Firefox, Microsoft Edge, Safari.
- **Internet Connection:** Stable internet or Wi-fi connection.
- **Operating System:** Windows, macOS, Linux, Android, or iOS

*Note: No software installation is required. CureConnect is a fully web-based application.*

## How to Use CureConnect

Follow these steps to use CureConnect:

### 1. Launch the Application

Open your browser and go to the local address to run CureConnect (e.g., <http://127.0.0.1:8000>).

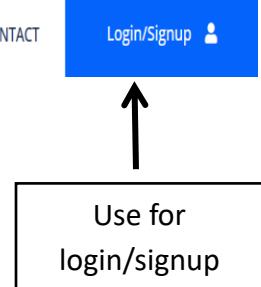
### 2. Login/Sign-Up to Your Account

Click on the “Login/Signup” button. If you already have an account, enter your credentials. New users can sign-up to create an account. While creating account please be sure to give health details accurately for further use.



HOME ABOUT SERVICE CONTACT

Login/Signup 



# Login

Username

Password

**Login**

Don't have an account? [Signup](#)

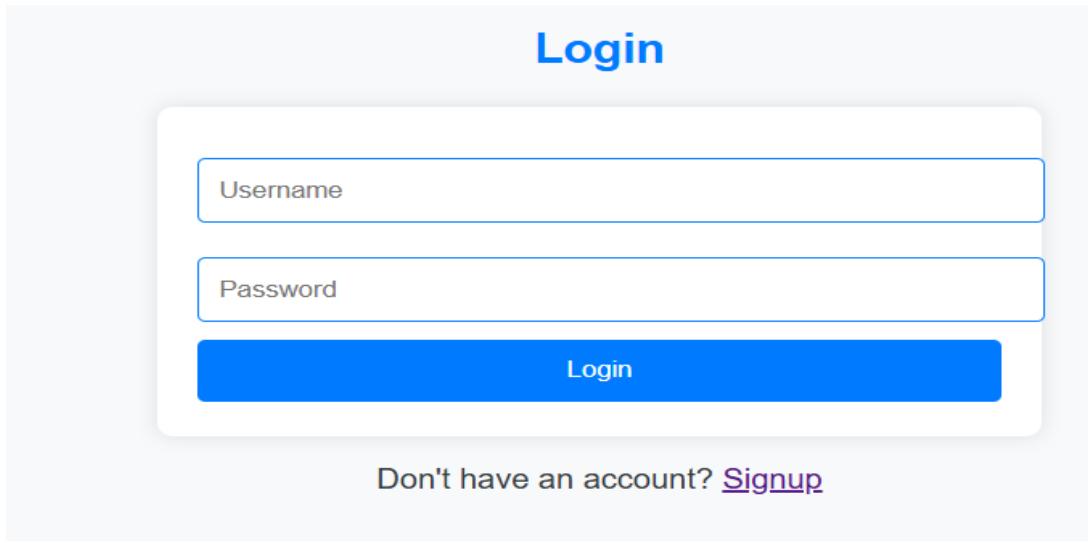
The image shows a clean, modern login interface. At the top center is the word "Login" in a large, bold, blue font. Below it are two input fields: one for "Username" and one for "Password", both with blue outlines. Underneath these is a wide blue button with the word "Login" in white. At the bottom of the form is a link in blue text that reads "Don't have an account? [Signup](#)".

Figure 1: For existing account just enter username and password

# Signup

Username

Email

Password

Confirm Password

Age

Weight

Select Blood Group

Blood Pressure (e.g., 120/80)

I have past medical history

**Signup**

Already have an account? [Login](#)

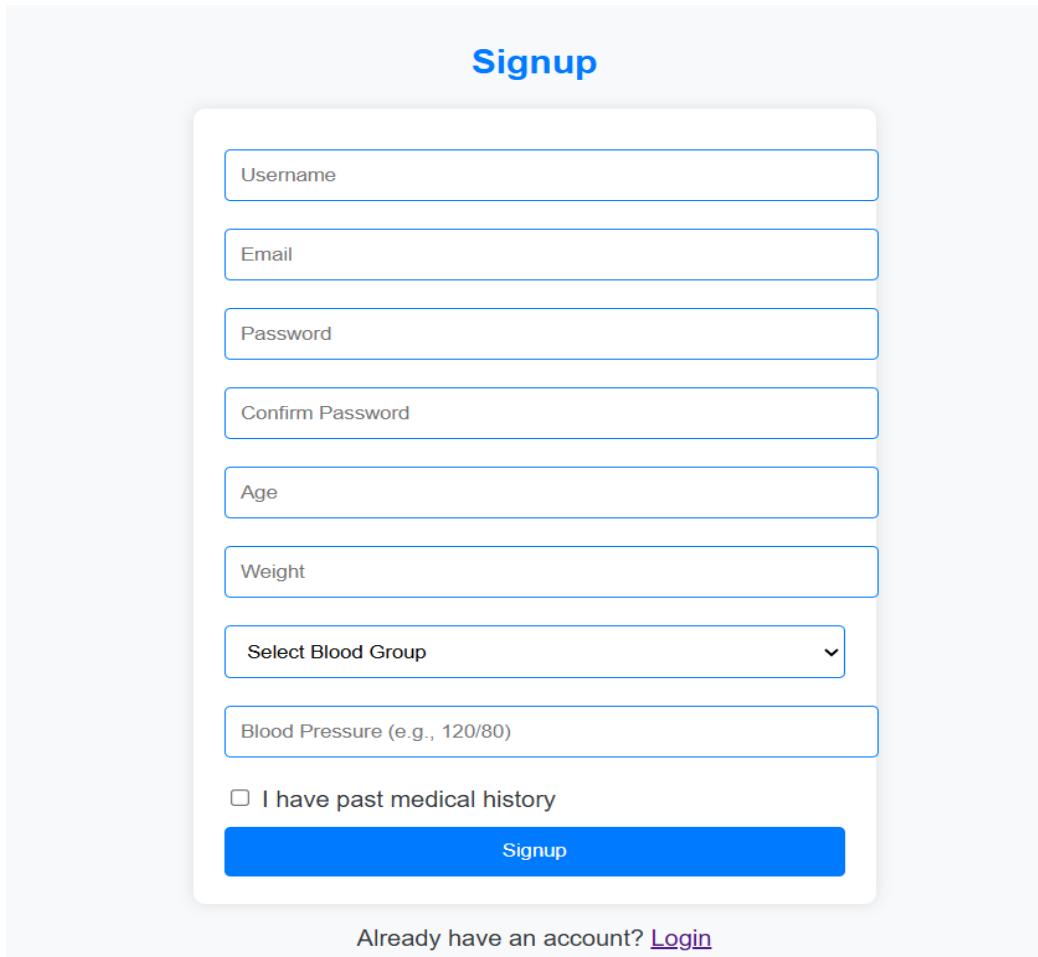
The image shows a more complex signup form. It begins with the word "Signup" at the top in a large blue font. Below are several input fields: "Username", "Email", "Password", "Confirm Password", "Age", and "Weight", each with a blue outline. There is also a dropdown menu labeled "Select Blood Group". A text input field for "Blood Pressure" is present, followed by a checkbox for "I have past medical history". At the bottom is a wide blue "Signup" button. A link "Already have an account? [Login](#)" is located at the very bottom.

Figure 2: For signing up enter the details accurately

### 3. Explore CureConnect

After logging in, visit the **Home** and **About** sections to get an overview of CureConnect, its purpose, and how it helps users connect with the right medical professionals.



HOME ABOUT SERVICE CONTACT

Login/Signup

↑  
Home button



HOME ABOUT SERVICE CONTACT

Login/Signup

↑  
About button

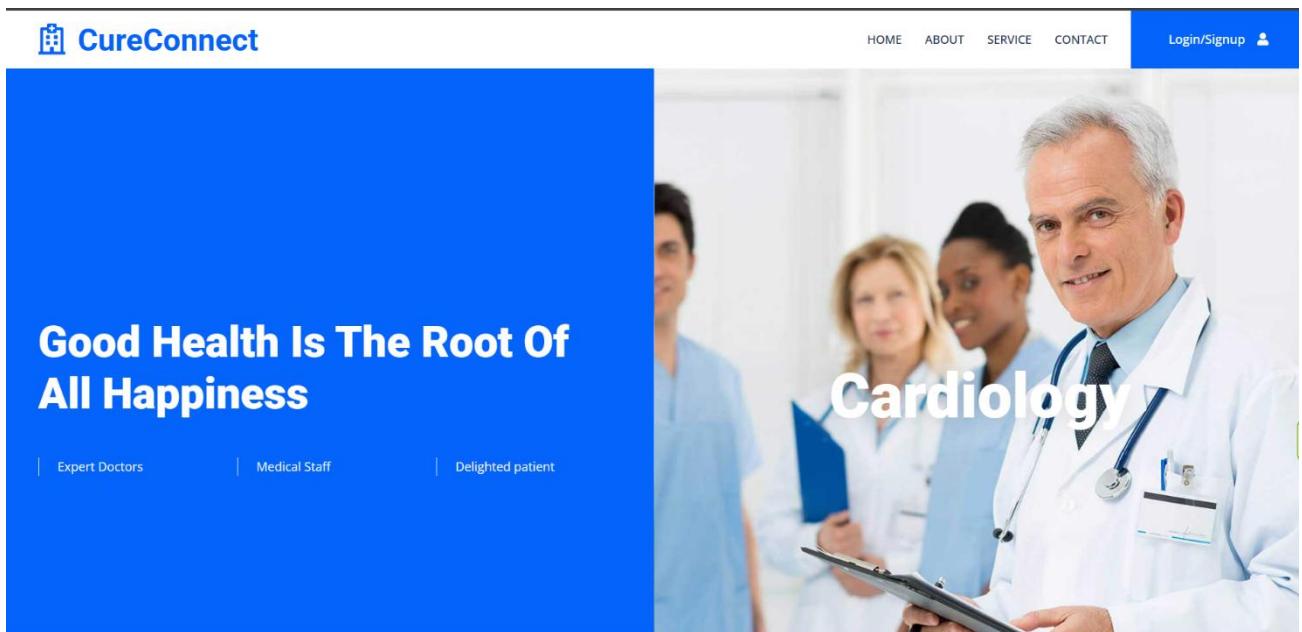


Figure 3: Home page for CureConnect

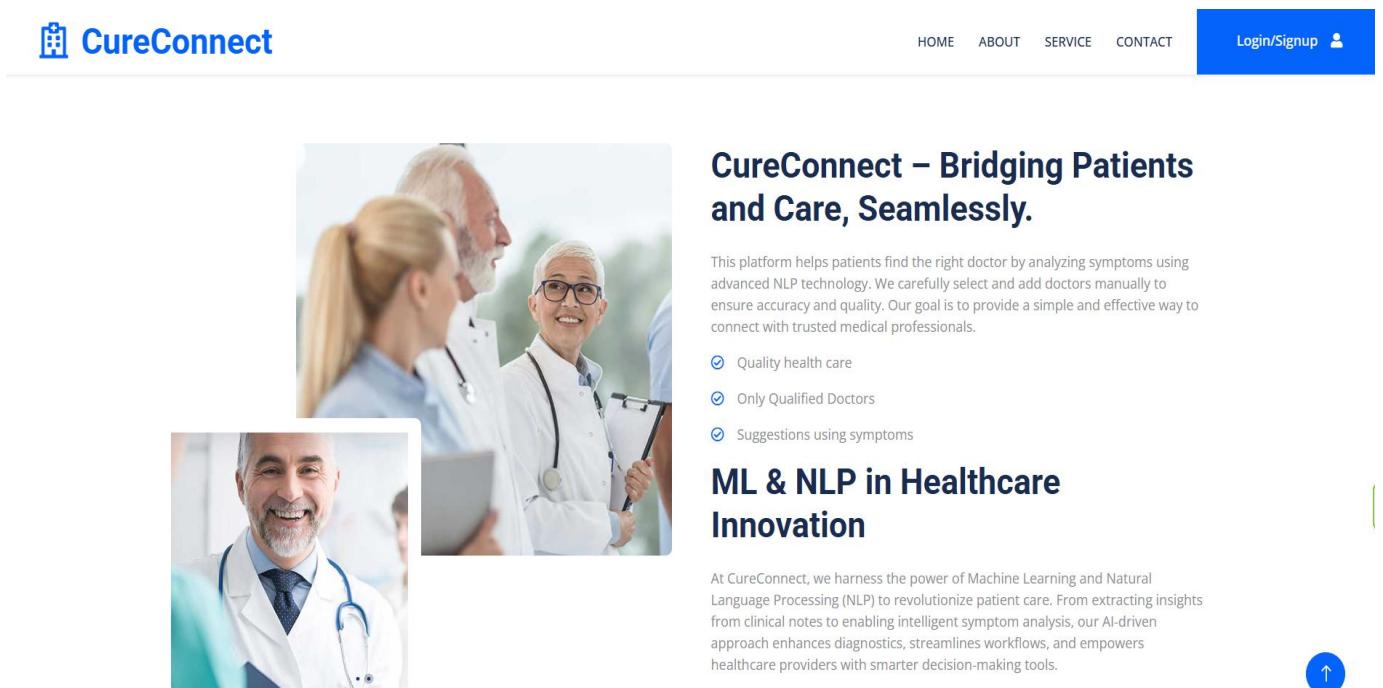


Figure 4: Home page for CureConnect

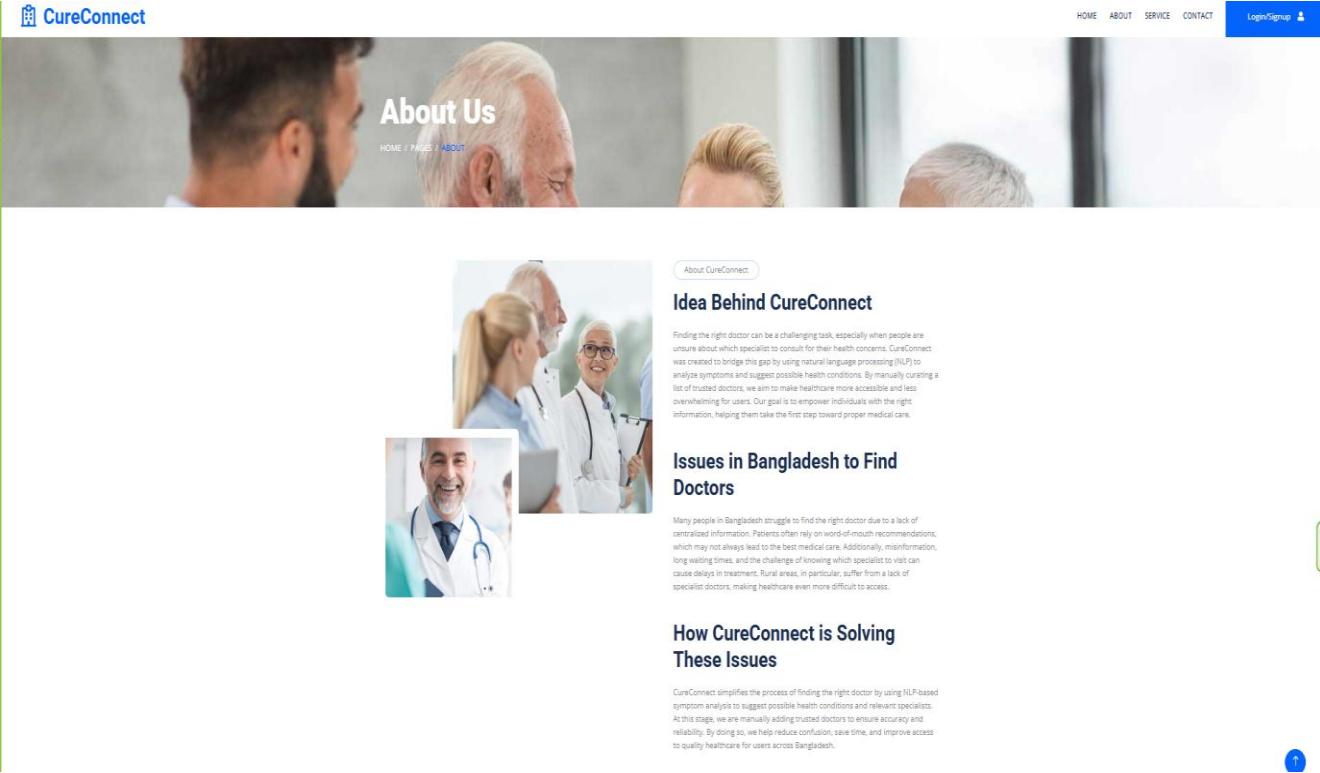


Figure 5: About Us page for CureConnect

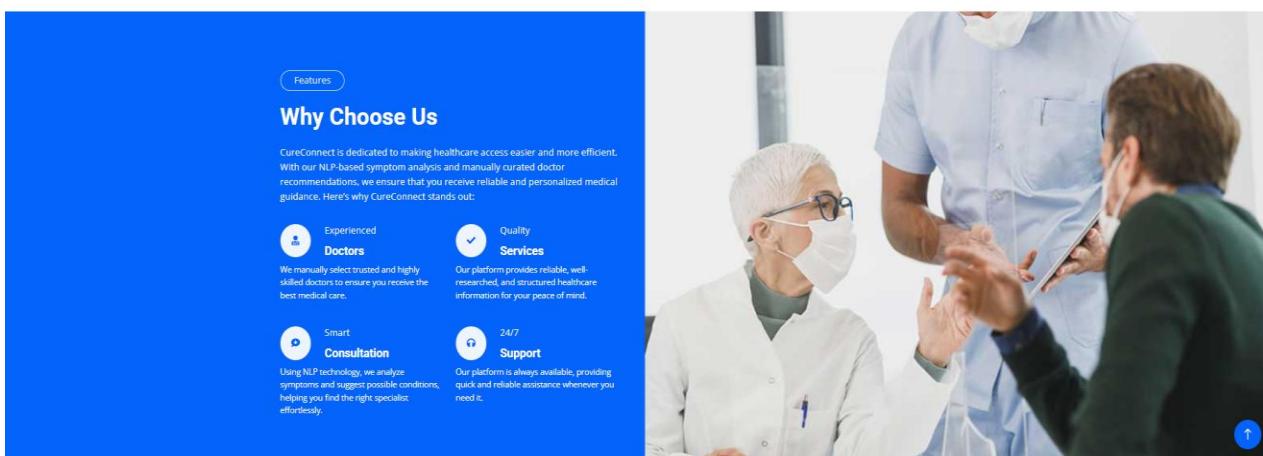


Figure 6: About Us page for CureConnect

#### 4. Describe Your Symptoms

In this section disease can be predicted by symptoms and also doctor information regarding the disease is also present.



Navigate to the symptoms input area in the services section and type your health issue in simple terms and press the predict button to get potential diagnoses about the disease.

A screenshot of the 'Health Condition Classifier' page. At the top, there is a navigation bar with links for HOME, ABOUT, SERVICE, and CONTACT. A blue button on the right says 'Login/Signup' with a user icon. The main content area is titled 'Health Condition Classifier'. It features a text input field with the placeholder 'Enter your symptoms:' and a text area containing the text 'I've been suffering from symptoms including a headache, chest pain, dizziness, losing my balance, and trouble concentrating|'. Below the text area is a blue button labeled 'Predict Condition'.

Figure 7: Symptoms using common language

A screenshot of the 'Health Condition Classifier' page. At the top, there is a navigation bar with links for HOME, ABOUT, SERVICE, and CONTACT. A blue button on the right says 'Login/Signup' with a user icon. The main content area is titled 'Health Condition Classifier'. It features a text input field with the placeholder 'Enter your symptoms:' and a text area containing the text 'I've been suffering from symptoms including a headache, chest pain, dizziness, losing my balance, and trouble concentrating|'. Below the text area is a blue button labeled 'Predict Condition'. At the bottom of the page, the text 'Predicted Condition: Hypertension' is displayed in green.

Figure 8: Predicted disease based on symptoms

After the disease prediction the doctor list can be found in the same section.

The screenshot shows a vertical list of medical specialties, each represented by a circular icon and a title. A blue '+' button is located to the left of each title, indicating the option to add the service to a list. The specialties listed are:

- General Physician / Internal Medicine**: General physicians diagnose and treat common infections, metabolic conditions, and systemic diseases. They manage conditions like typhoid, hypertension, pneumonia, and UTIs through medications and lifestyle guidance.
- Dermatologist**: Dermatologists specialize in skin, hair, and nail disorders, diagnosing and treating conditions like psoriasis, acne, and fungal infections. They use medications, creams, and advanced procedures to manage skin health.
- Gastroenterologist**: Gastroenterologists focus on digestive system disorders, including GERD, jaundice, and peptic ulcer disease. They use endoscopic procedures and medications to treat stomach, liver, and intestinal issues.
- Neurologist / Rheumatologist**: Neurologists manage nervous system disorders like migraines, while rheumatologists focus on joint diseases like arthritis and cervical spondylosis. They use medications, physiotherapy, and lifestyle modifications to improve patient well-being.

Figure 9: Services page for CureConnect containing doctor list



### Surgeon

Surgeons, including vascular and general surgeons, treat conditions like varicose veins and hemorrhoids. They perform procedures and surgeries when needed, often working with other specialists for comprehensive care.

[+ Read More](#)



### Pulmonologist

Pulmonologists handle respiratory diseases such as asthma and pneumonia, ensuring proper lung function. They prescribe inhalers, medications, and therapies to improve breathing and lung health.

[+ Read More](#)

Figure 10: : Services page for CureConnect containing doctor list



## General Physician / Internal Medicine

General physicians diagnose and treat common infections, metabolic conditions, and systemic diseases. They manage conditions like typhoid, hypertension, pneumonia, and UTIs through medications and lifestyle guidance.

[+ Read More](#)

Click this to get  
doctor details

## 5. Browse Doctor Profiles

View each doctor's profile, including their name, specialization, and location, all manually verified for accuracy. The patient can now easily select and consult right doctors based on their symptoms. This ensures proper treatment for all the patients.

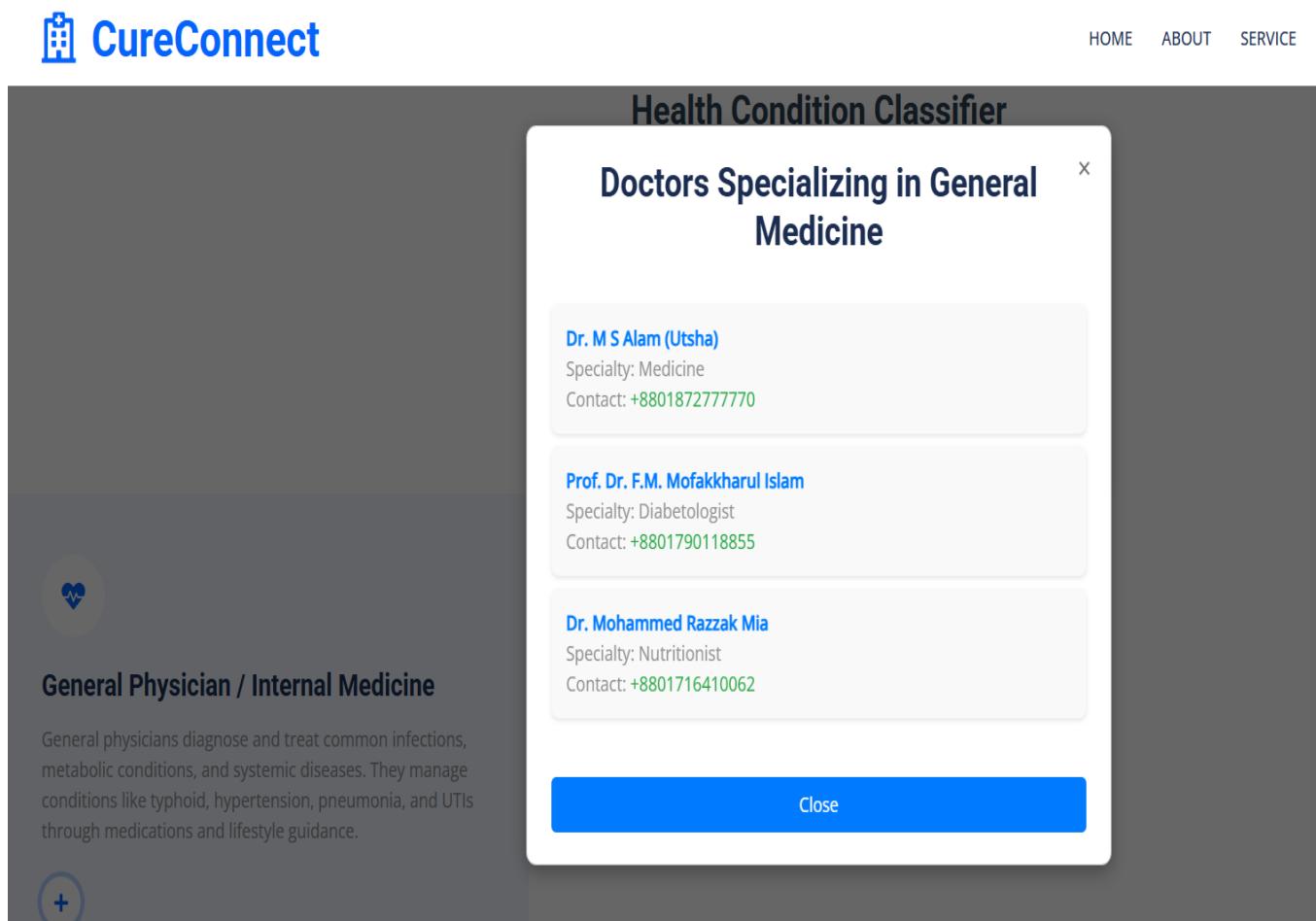


Figure 11: Doctors for specialist in General Medicine

The information of other doctors regarding their medical specializations are also present in the same way in this section.

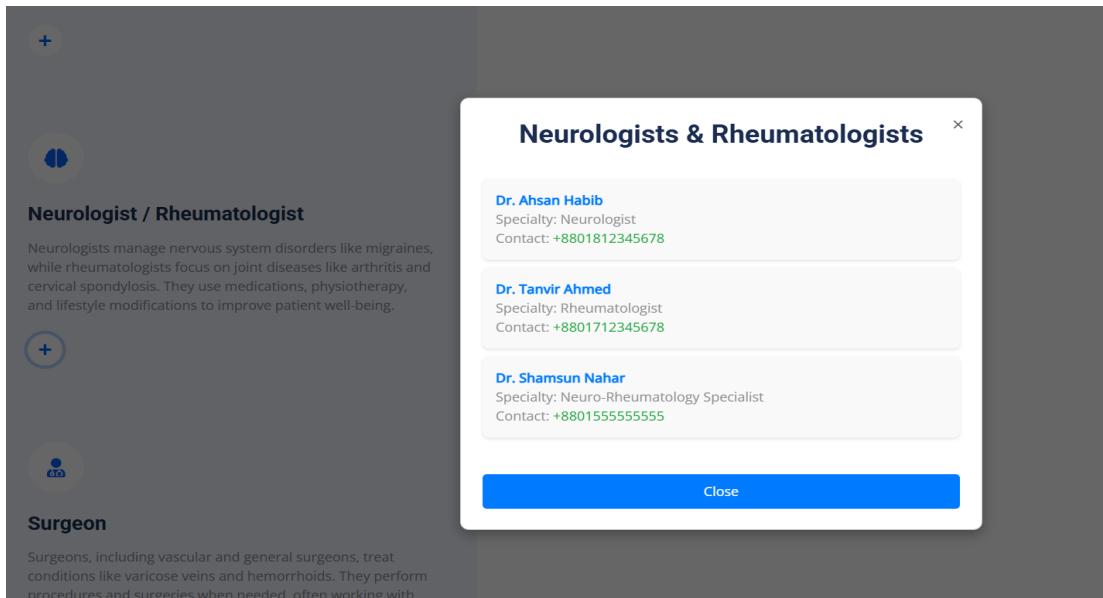


Figure 12: Doctors for specialist in Neurology and Rheumatology

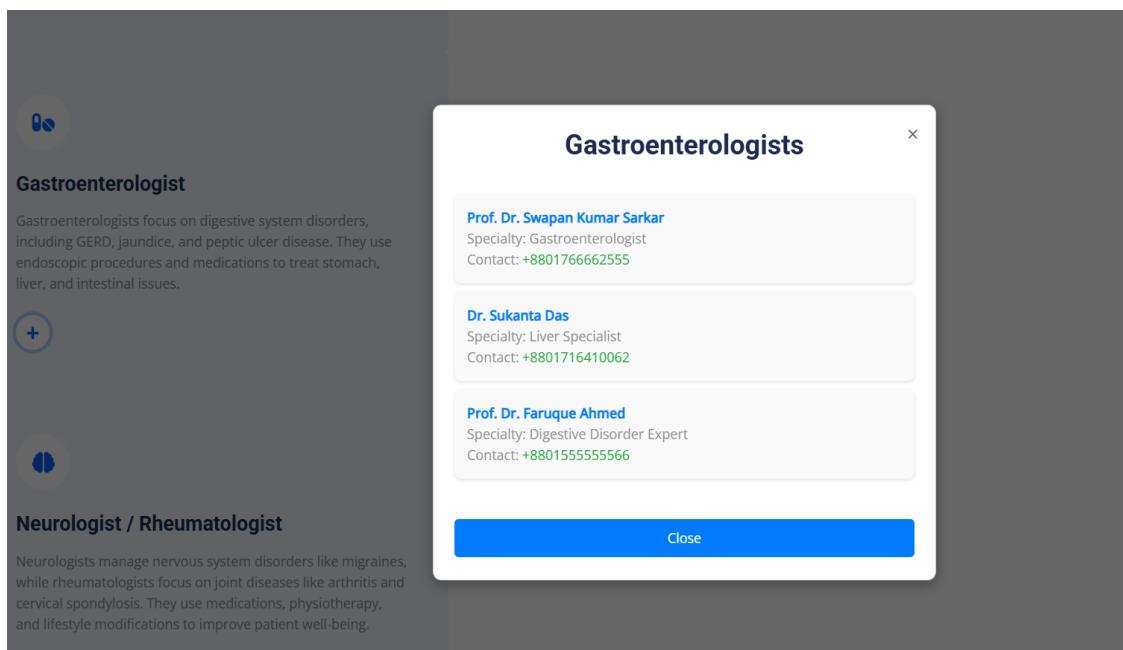


Figure 13: Doctors for specialist in Gastroenterology

## 6. Contact & Suggestions

We value your feedback and suggestions to improve CureConnect.

Have any question, suggestion, or issue? Reach out to us!

-  **Email:** cureconnect@gmail.com
-  **Suggestions Form:** Patient can share suggestions for improvement and ask for query about cureconnect easily from this section.

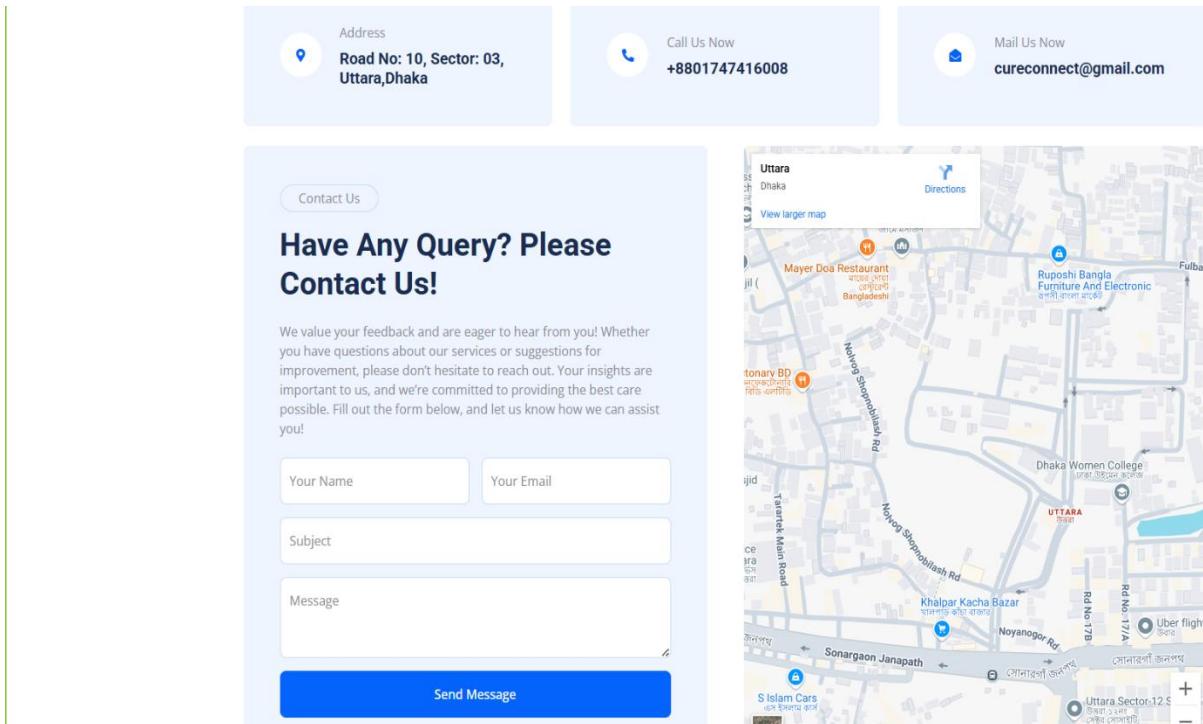


Figure 14: Contact Page for CureConnect