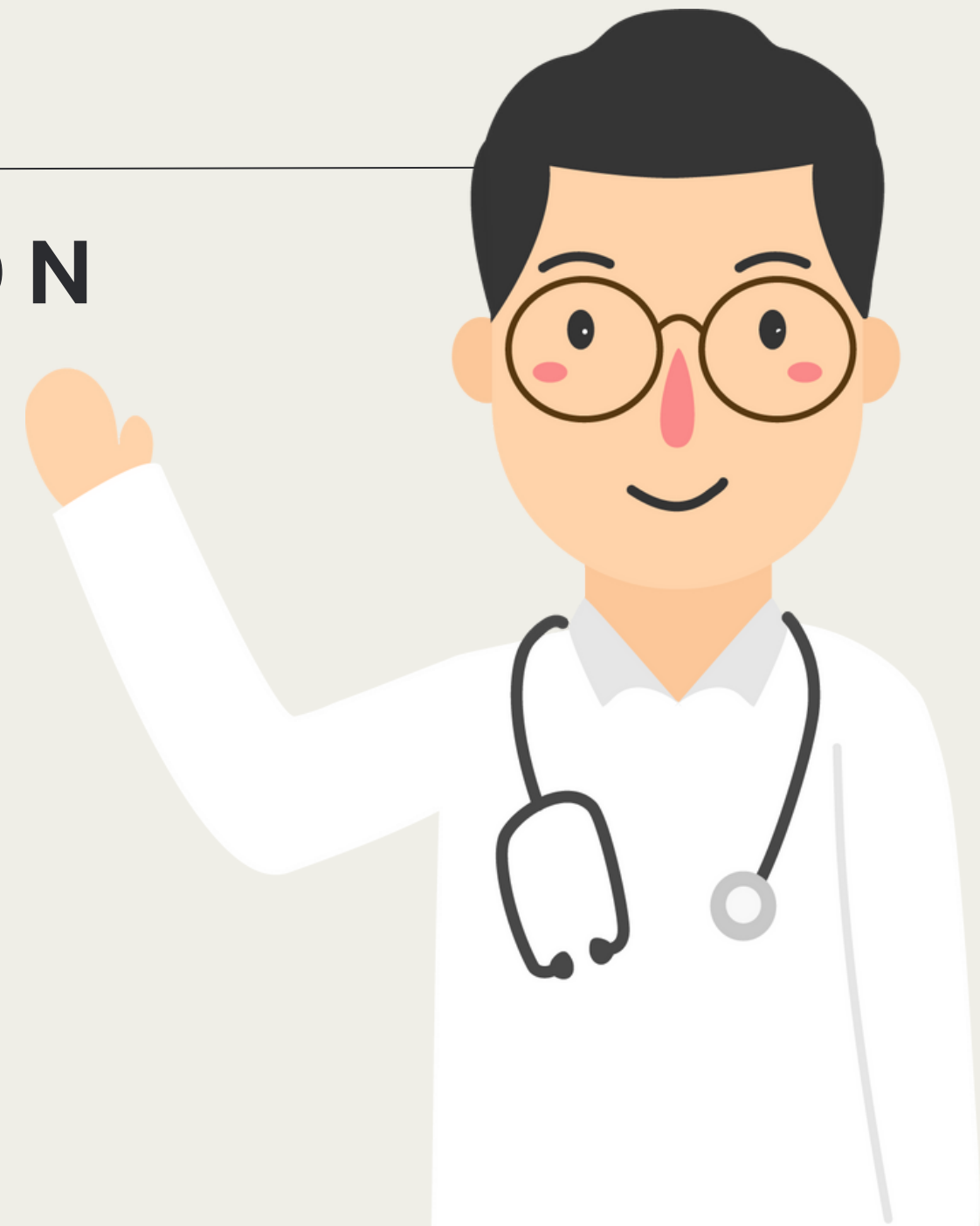# CPSTONE PROJECT

DOCTOR CONSULTATION APPLICATION

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INTRODUCTION

Doctor consultation application is a digital platform that connects patients with doctors for online consultations. The application enables users to access medical services remotely and receive diagnosis and treatment from licensed healthcare professionals. The application uses advanced technologies such as video and audio conferencing, chatbots, and messaging services to provide patients with a seamless and secure communication channel with medical professionals.

NEED OF PROJECT

The purpose of doctor consultation application is to provide patients with a convenient and accessible way to access medical services remotely using digital technology. The application enables patients to connect with licensed healthcare professionals and receive medical advice, diagnosis, prescriptions, and treatment recommendations from the comfort of their own homes.

TECHNOLOGIES INCLUDED

- Angular for front-end development
- HTML/CSS for styling and layout
- JavaScript for functionality
- .NET for backend
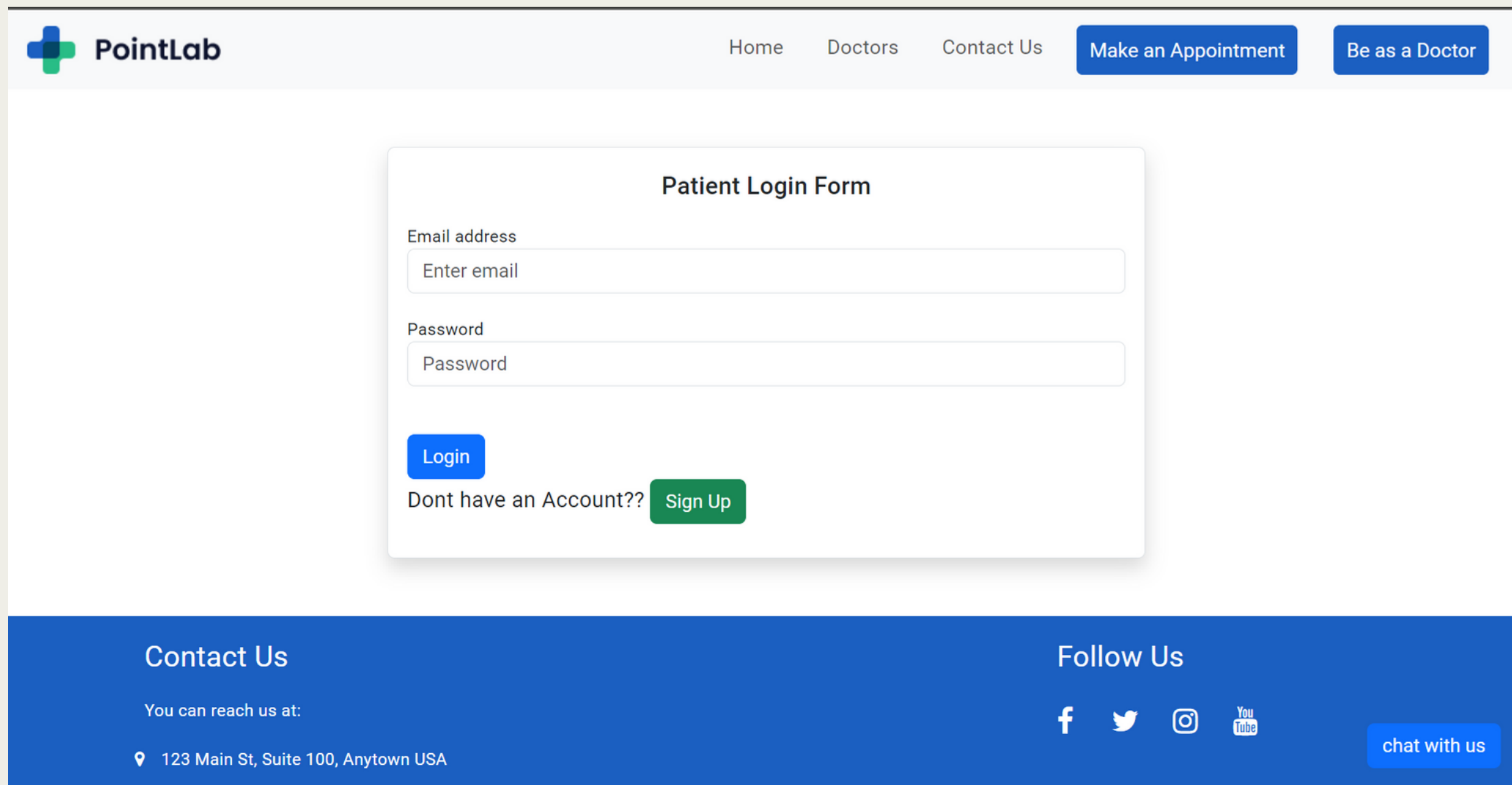- Responsive web design principles implemented

FEATURES INCLUDED

1. The pointLab website home pages consists of description about pointlab and users can have an option to make an appointment or be a doctor as well a.nd also includes a chatbot through which patient can interact with doctor for any queries
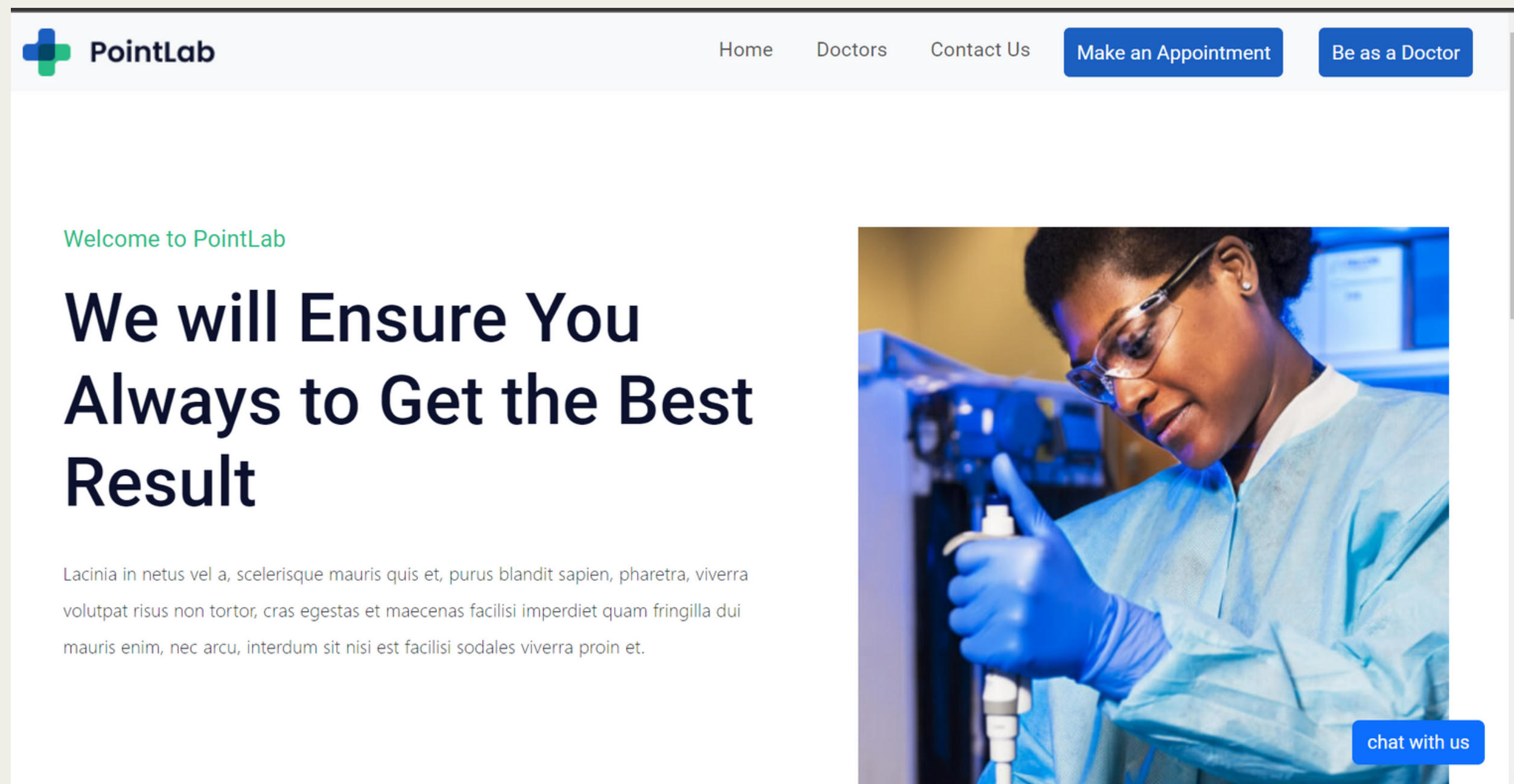
FEATURES CONT..

2. This will be a Patient Login Page through which patient able to create account if doesn't exits

FEATURES CONT..

3. It Here as soon as patient logs in he can view the list of doctors available and can filter them based on specialty

FEATURES CONT..

4. Patients can book the appointment for any doctor.

FEATURES CONT..

5. After successful of booking of appointment he can now see the bookings history and status of the booking either approved/pending.

FEATURES CONT..

6. After successful of booking of appointment he can now see the bookings history and status of the booking either approved/pending.

FEATURES CONT..
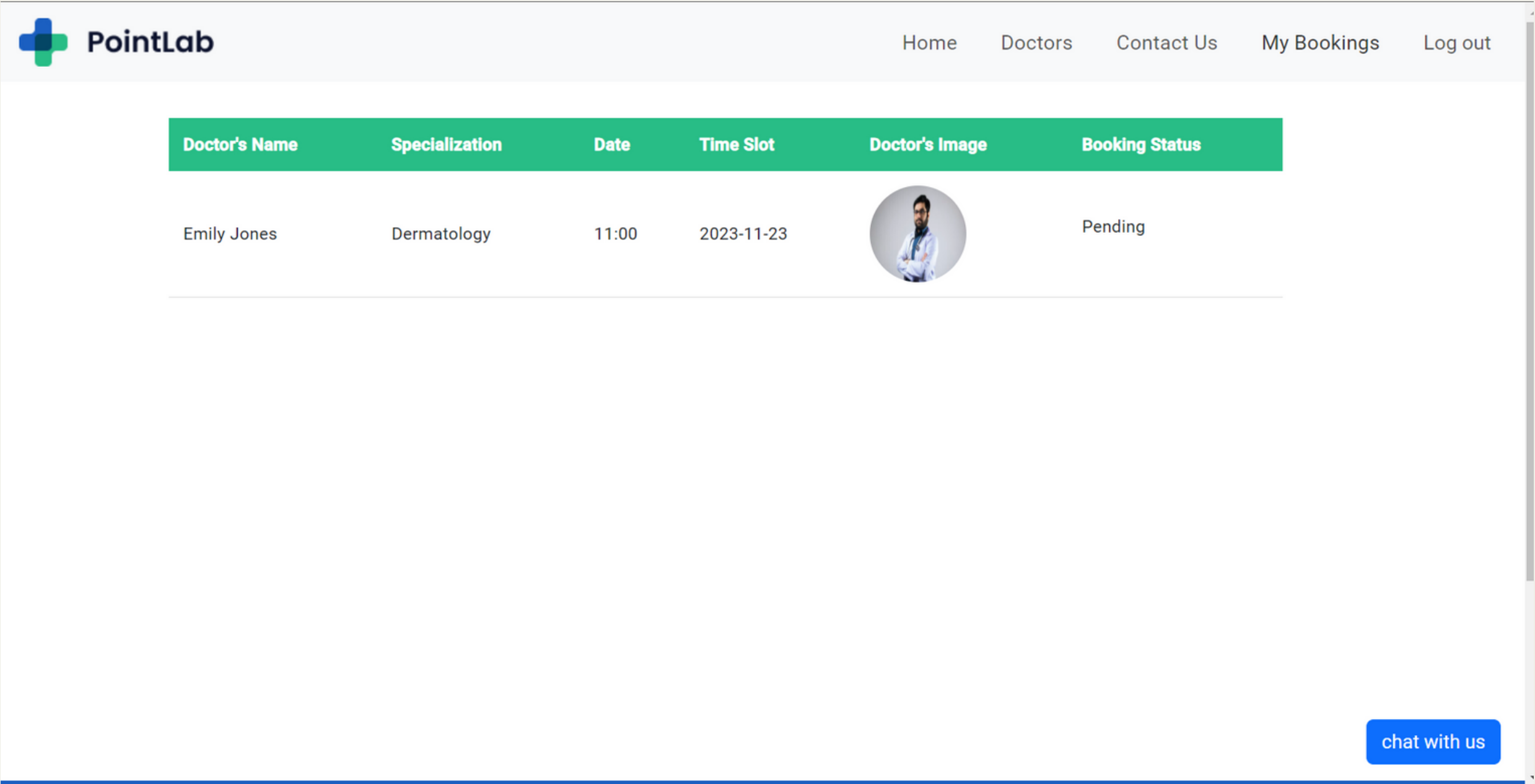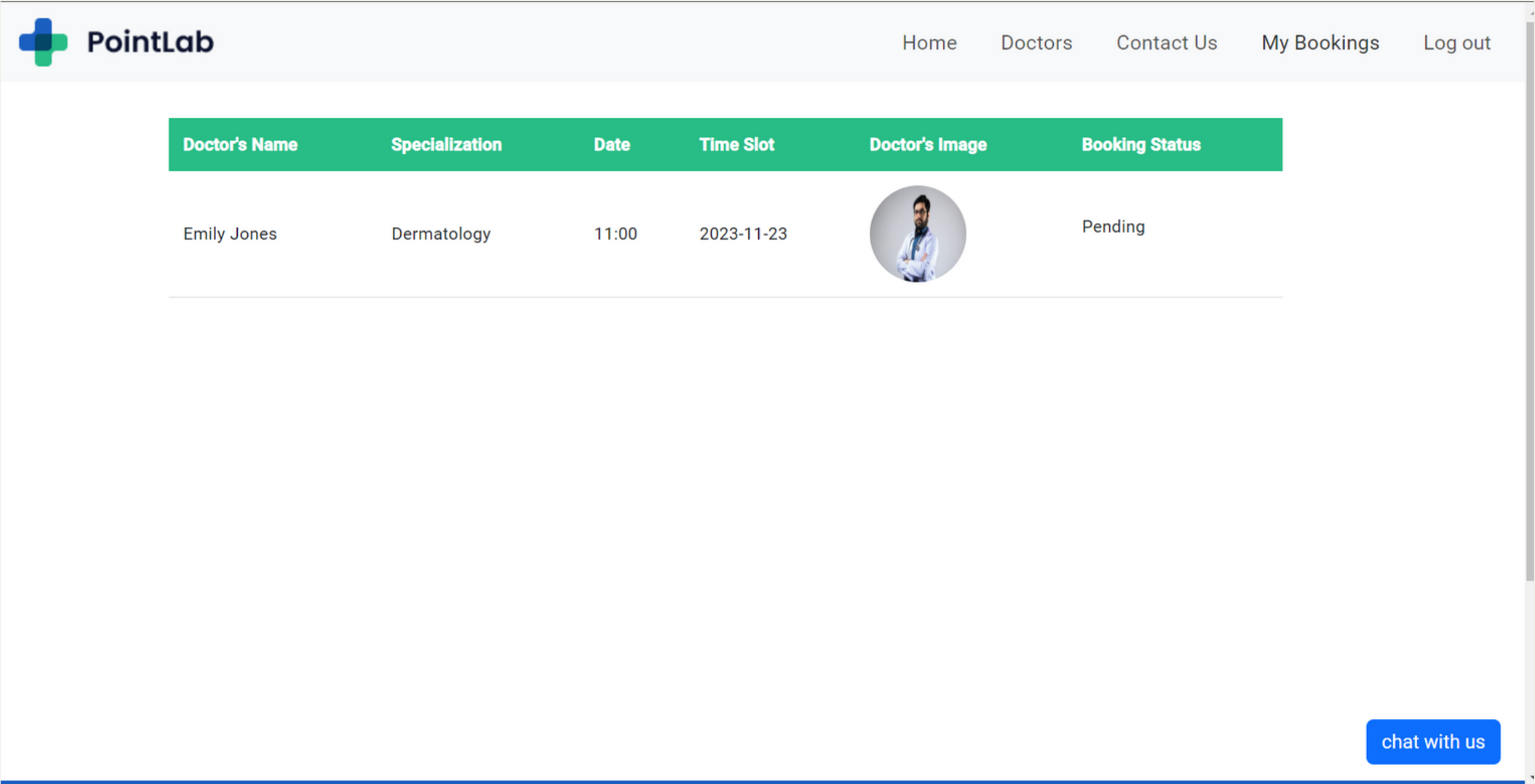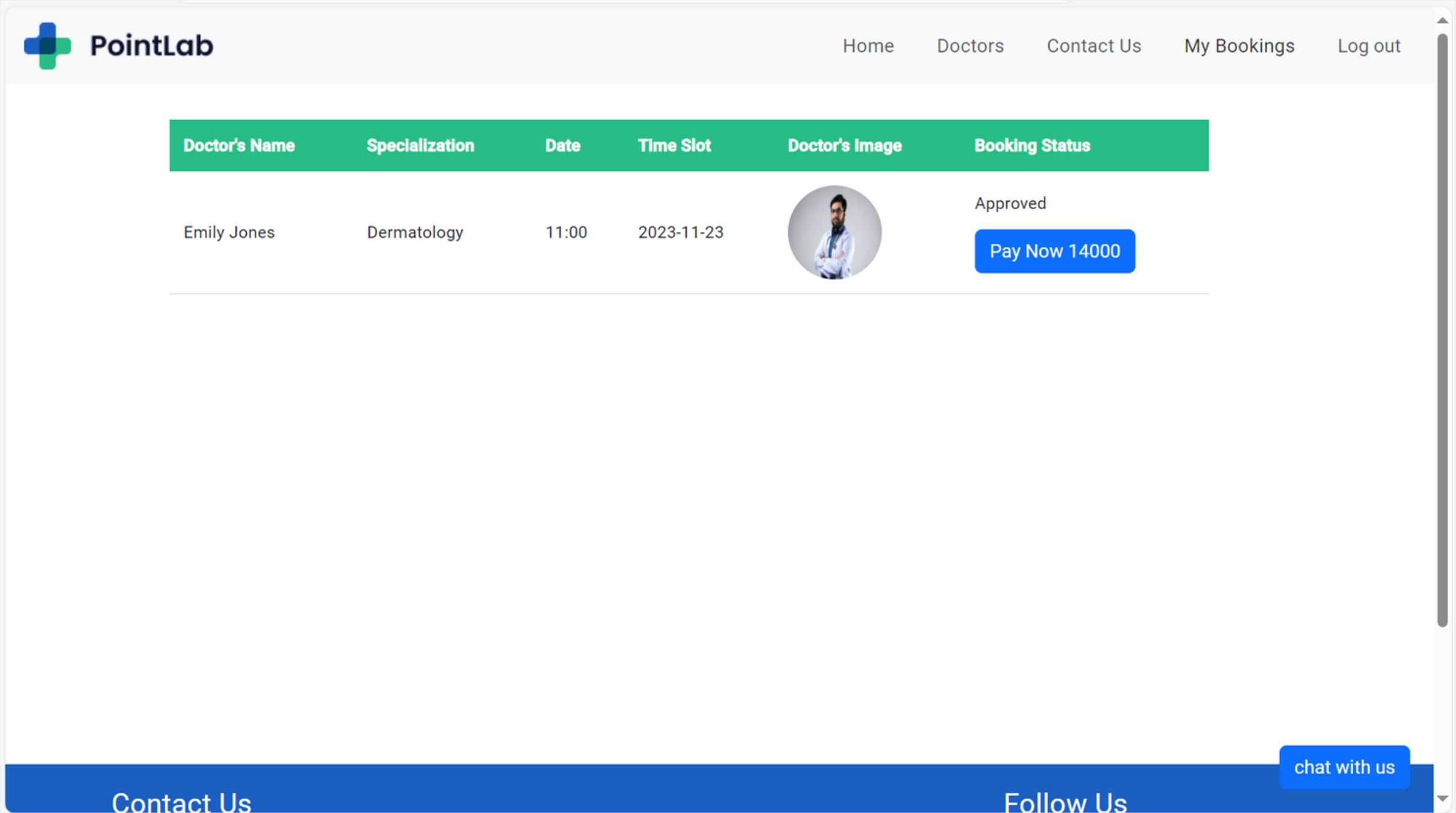
7. If doctor confirms it then patient can now pay the consultation fee and can reveiw the doctor

CONCLUSION

Using Angular and .NET technologies, real-time doctor consultation applications can be developed to provide more streamlined and efficient healthcare access. Real-time doctor consultation applications use technologies such as SignalR and WebSockets to offer users an instant and seamless communication experience.

Angular is a popular front-end framework that provides a dynamic and interactive user interface for web applications..

On the other hand, .NET is a versatile and widely adopted framework for developing cross-platform applications that supports real-time communication. Using .NET's SignalR library, real-time doctor consultation applications can be developed to offer bi-directional communication between patients and healthcare professionals, providing an instant messaging solution with a user-friendly interface.