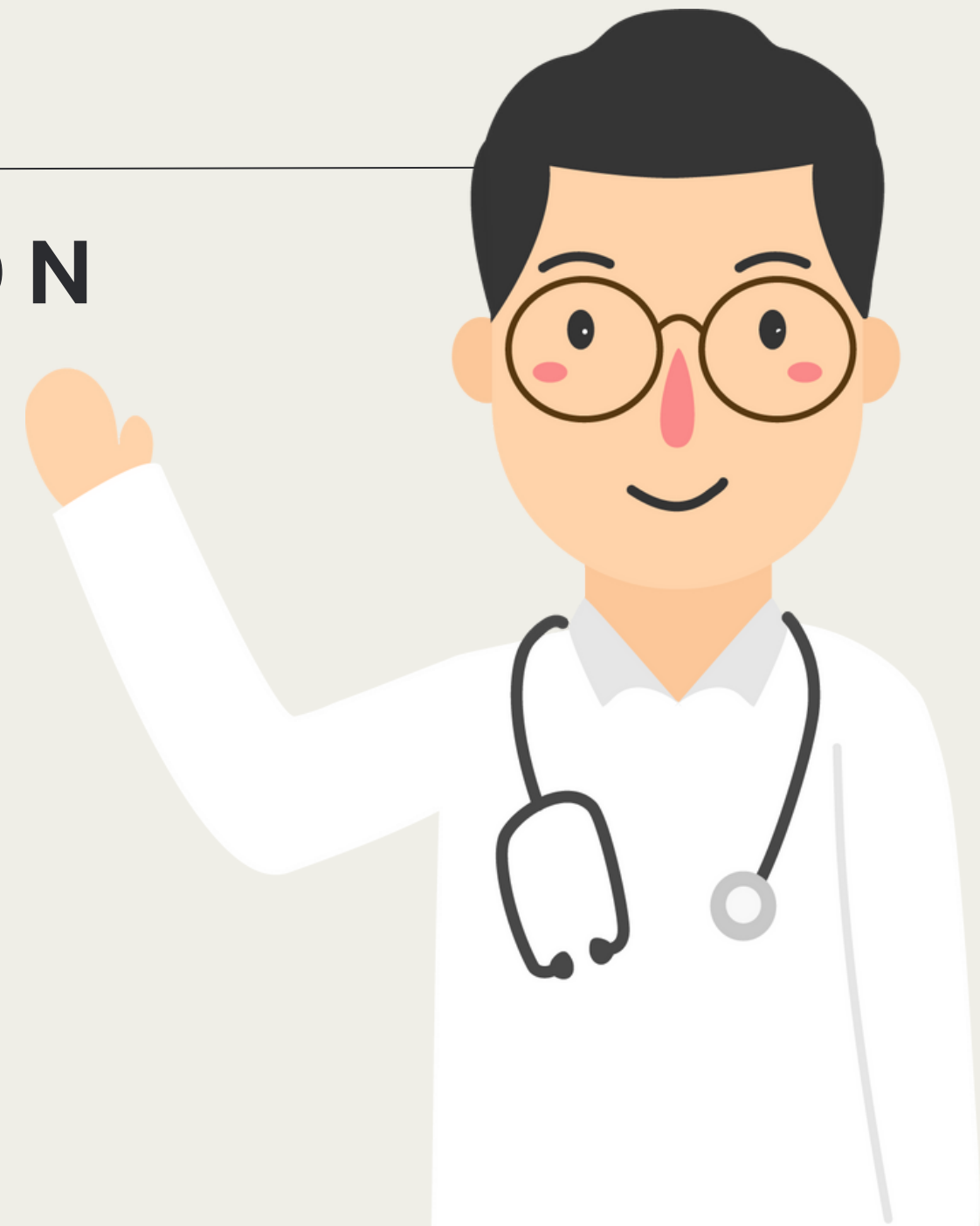


CPSTONE PROJECT

DOCTOR CONSULTATION APPLICATION

By,
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TAP 2024 Intern





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.

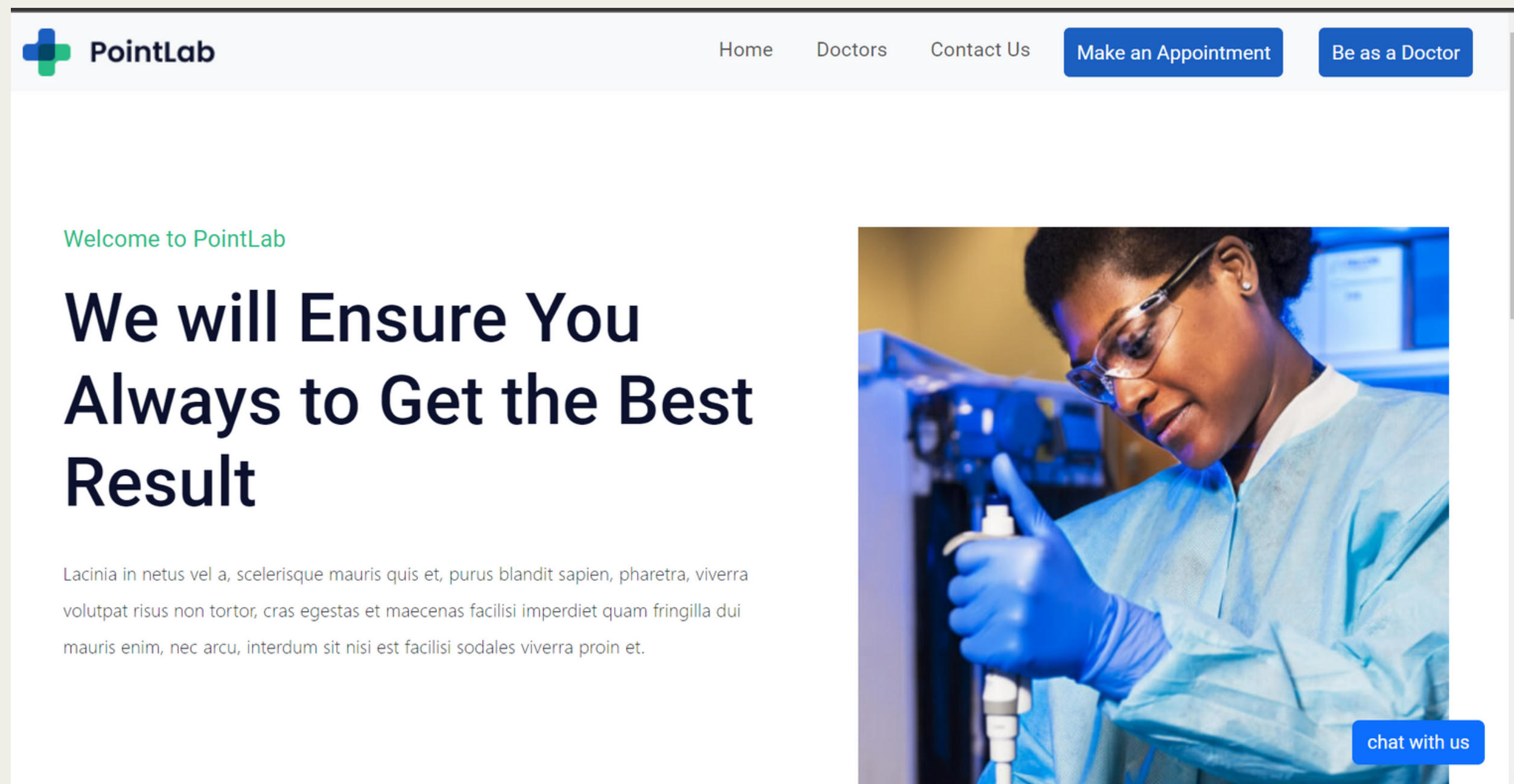
TECHNOLOGIES INCLUDED

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



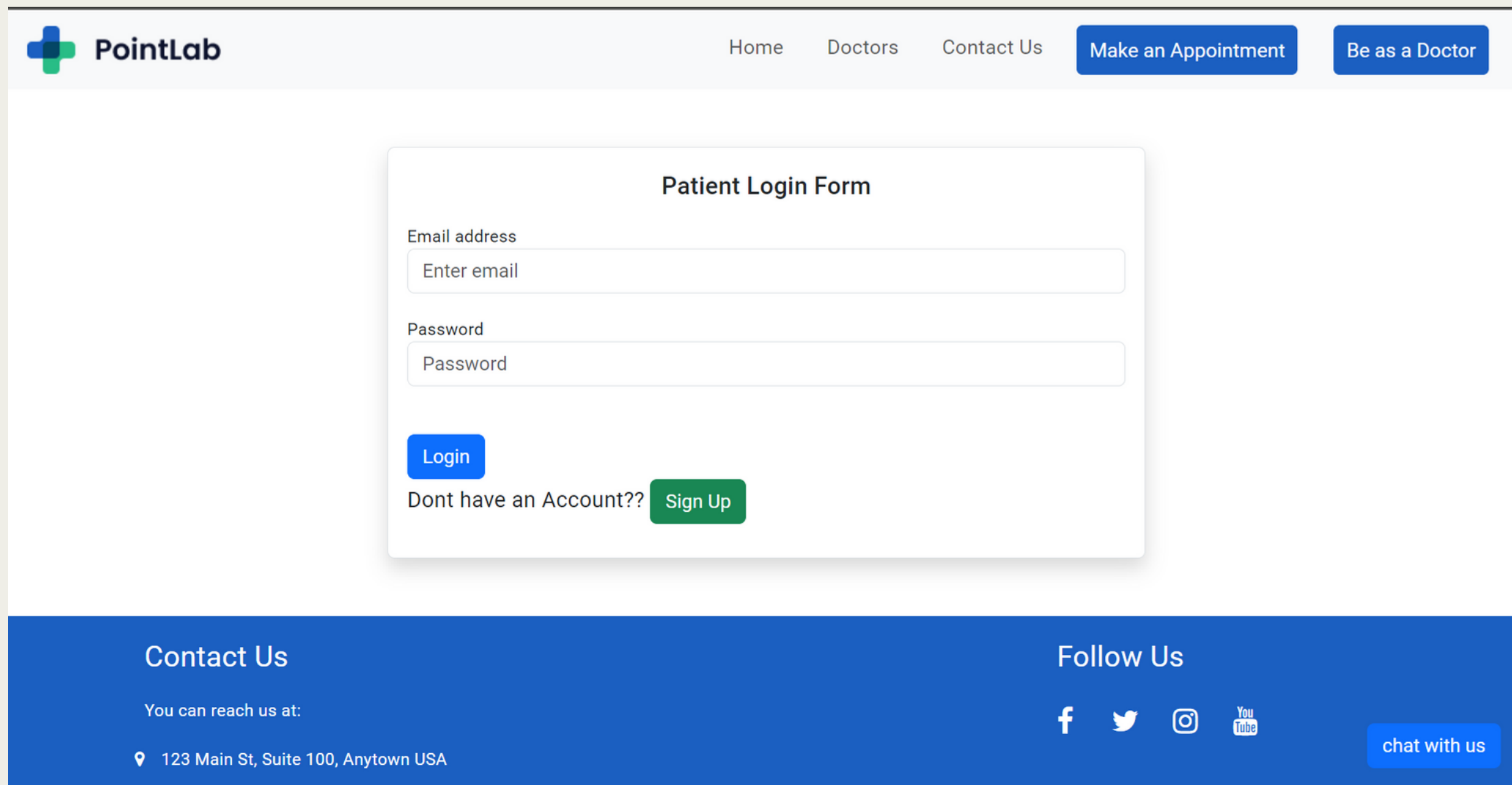
FEATURES INCLUDED

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



FEATURES CONT..

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



The screenshot displays the PointLab Patient Login Form. The header features the PointLab logo on the left and navigation links (Home, Doctors, Contact Us) and buttons (Make an Appointment, Be as a Doctor) on the right. The main content area contains a centered form titled "Patient Login Form" with input fields for "Email address" and "Password", a "Login" button, and a "Sign Up" button. The footer is a blue bar with "Contact Us" information, social media links, and a "chat with us" button.

PointLab

Home Doctors Contact Us [Make an Appointment](#) [Be as a Doctor](#)

Patient Login Form

Email address

Password

[Login](#)

Dont have an Account?? [Sign Up](#)

Contact Us

You can reach us at:

📍 123 Main St, Suite 100, Anytown USA

Follow Us

[f](#) [🐦](#) [📷](#) [YouTube](#)

[chat with us](#)




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


Search by Specialty:

Search




John Smith

Cardiology



Emily Jones

Dermatology




Michael Chen

Oncology


chat with us

FEATURES CONT..

4. Patients can book the appointment for any doctor.

 **PointLab**

HomeDoctorsContact UsMy BookingsLog out




Emily Jones

Specialty: Dermatology

Emily Jones is a dermatologist with expertise in treating skin disorders and diseases. She has worked with patients of all ages, from infants to seniors.

Book an Appointment

Date:
 





Time Slot:

Book Now

Contact Us

You can reach us at:

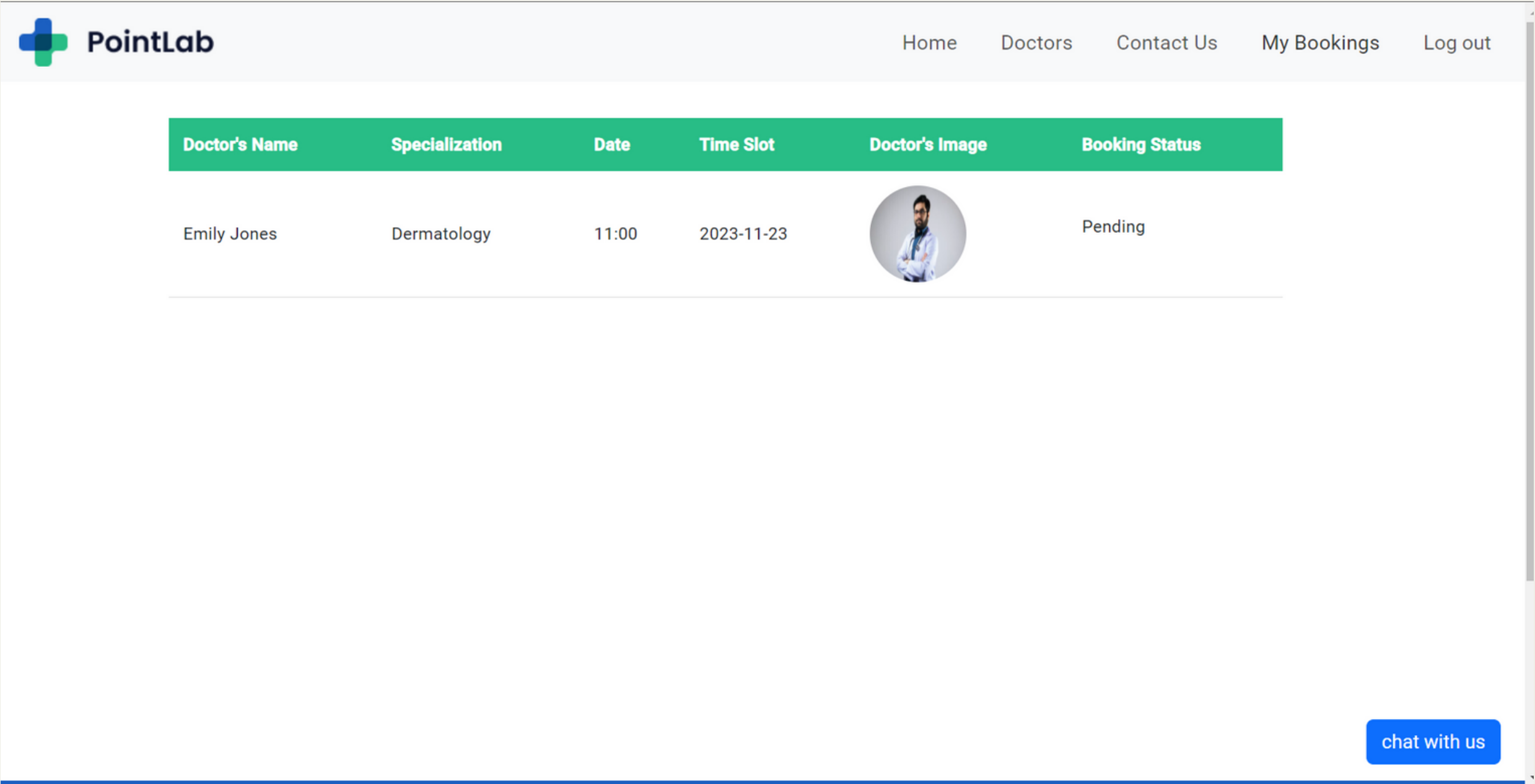
Follow Us

    You

chat with us

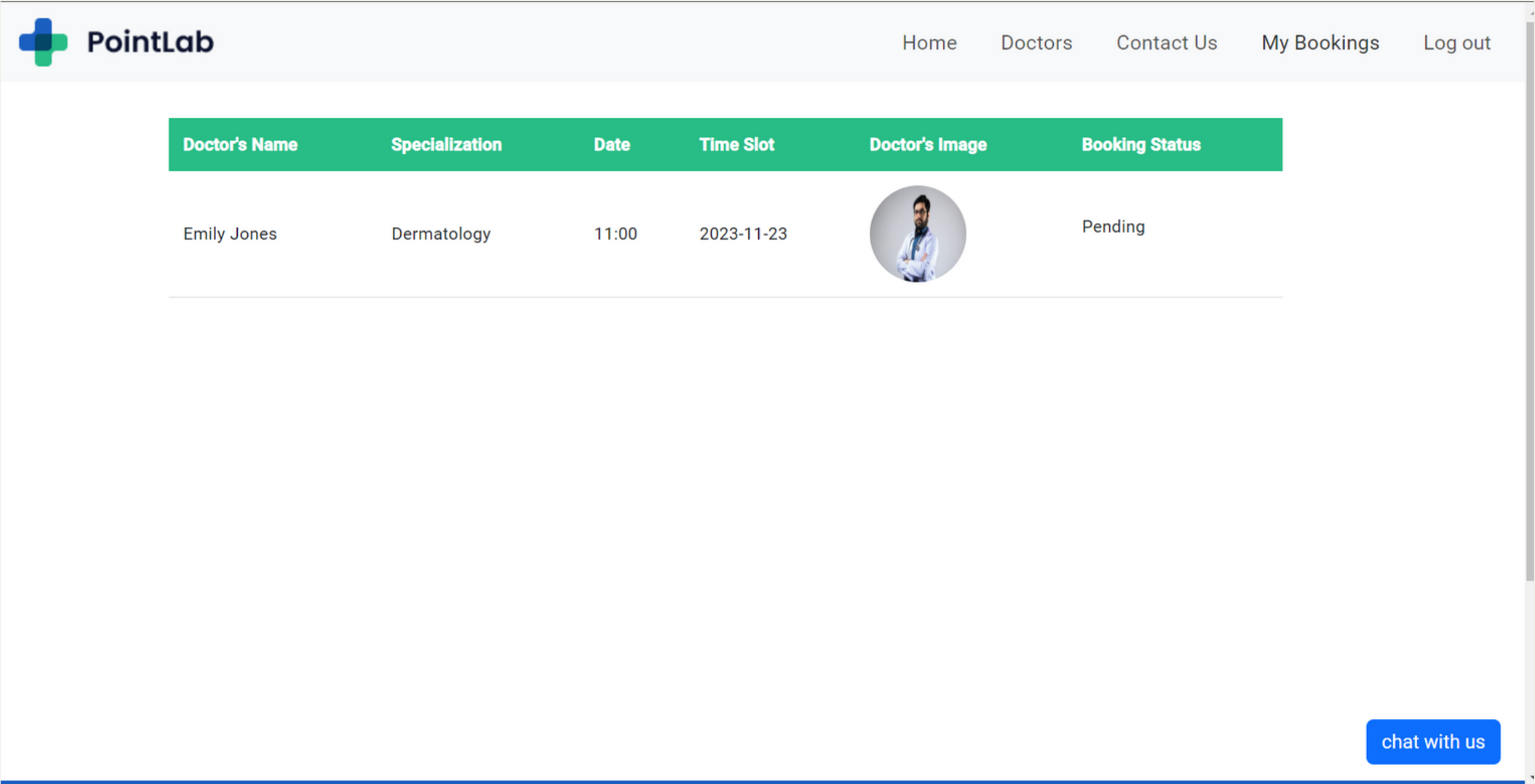
FEATURES CONT..

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



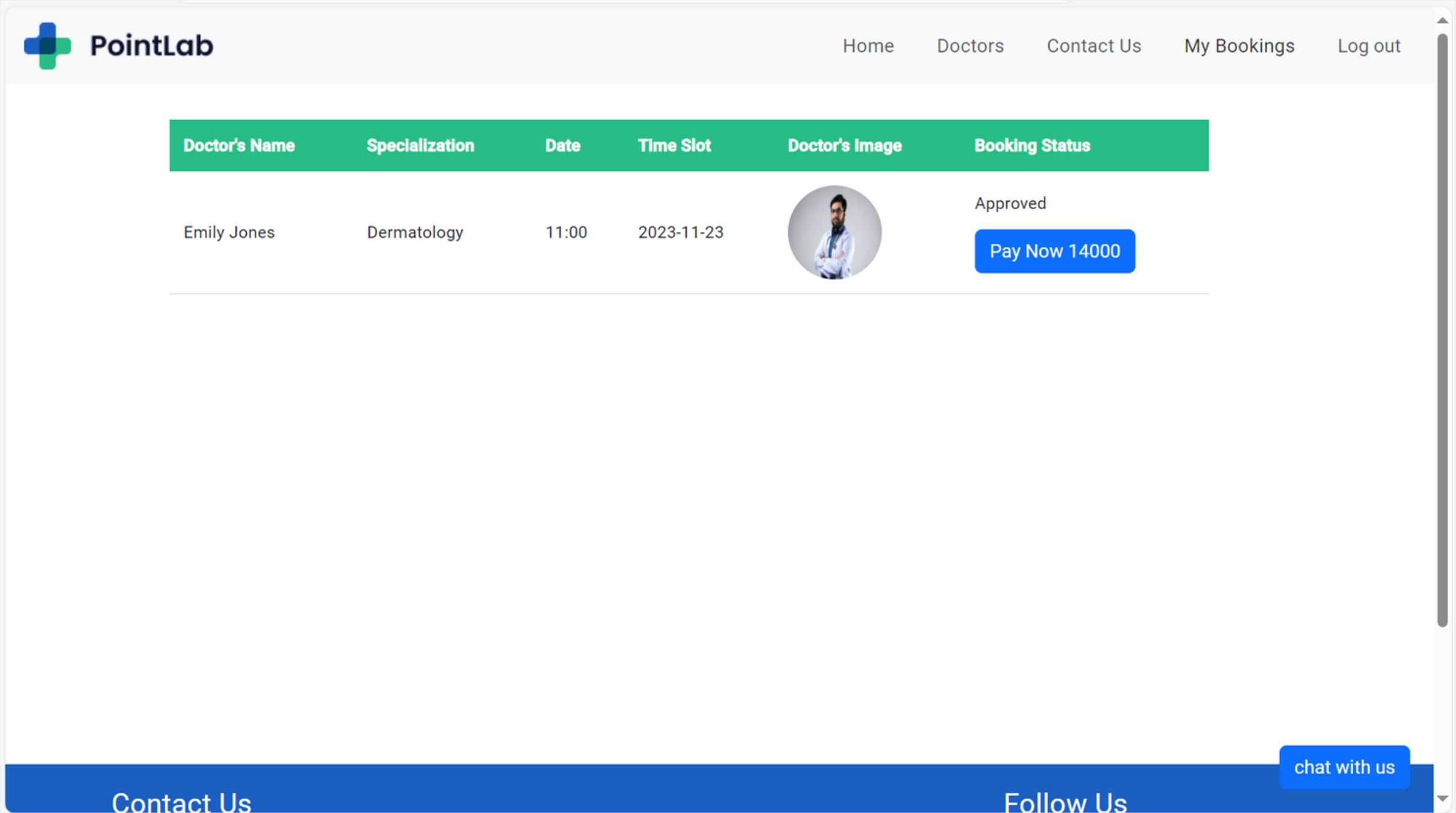
FEATURES CONT..

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.

