

## INTRO/ABSTRACT

VirtuDoc is a web application that allows patients to communicate with their doctors virtually. With VirtuDoc a patient can schedule a virtual appointment, Text chat with their doctor, and have access to records including post appointment information. Virtual web-conferencing connects patients with doctors at the scheduled time of appointment. VirtuDoc is fully HIPAA-compliant. All connections across services in development and production utilize TLS and authoritative certificates to ensure HIPAA compliance.

## METHODS

Our web app itself is built inside the Java spring framework and uses vanilla JavaScript and CSS3 on the front end. GitHub Actions and Heroku CI automatically deploy our web service as a Docker image to the Heroku cloud for deployment.

## RESULTS

VirtuDoc web application can be found using the top link. The other link has Information about each team member.

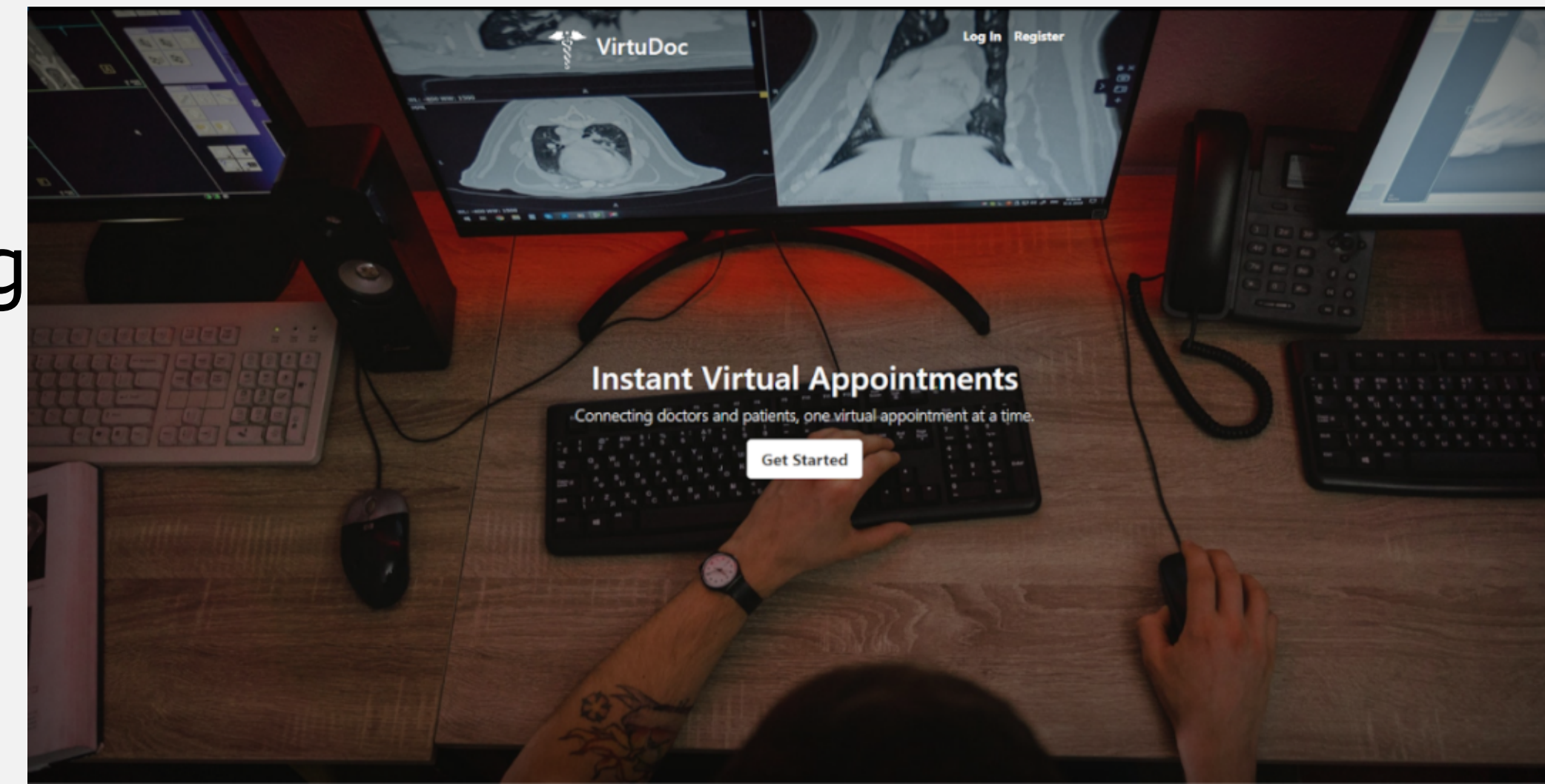
Resources:

<https://virtudoc.herokuapp.com/>  
<https://cs4850group5a.github.io/VirtuDoc>

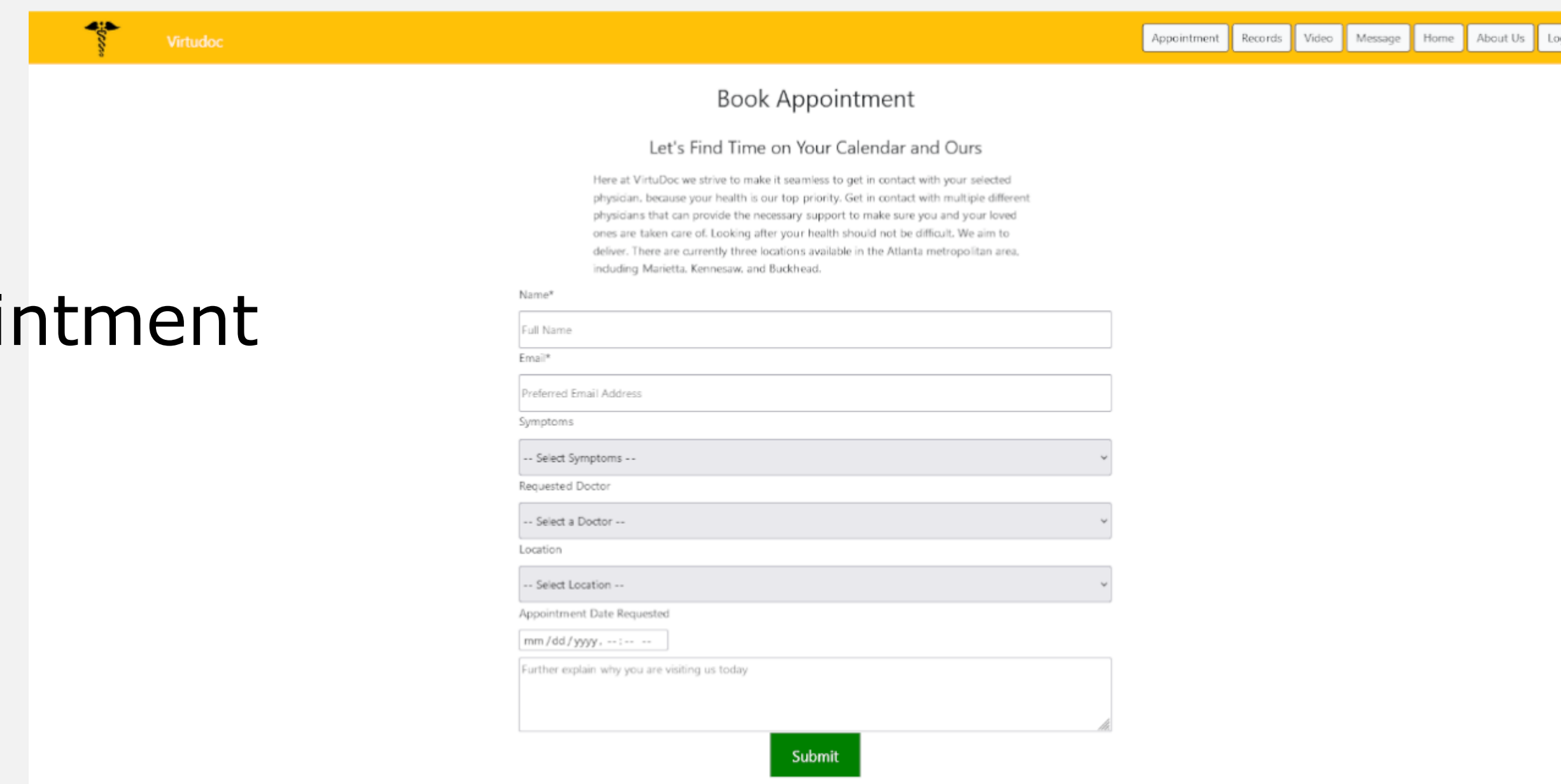


Scan this QR code to be taken to VirtuDoc About Website.

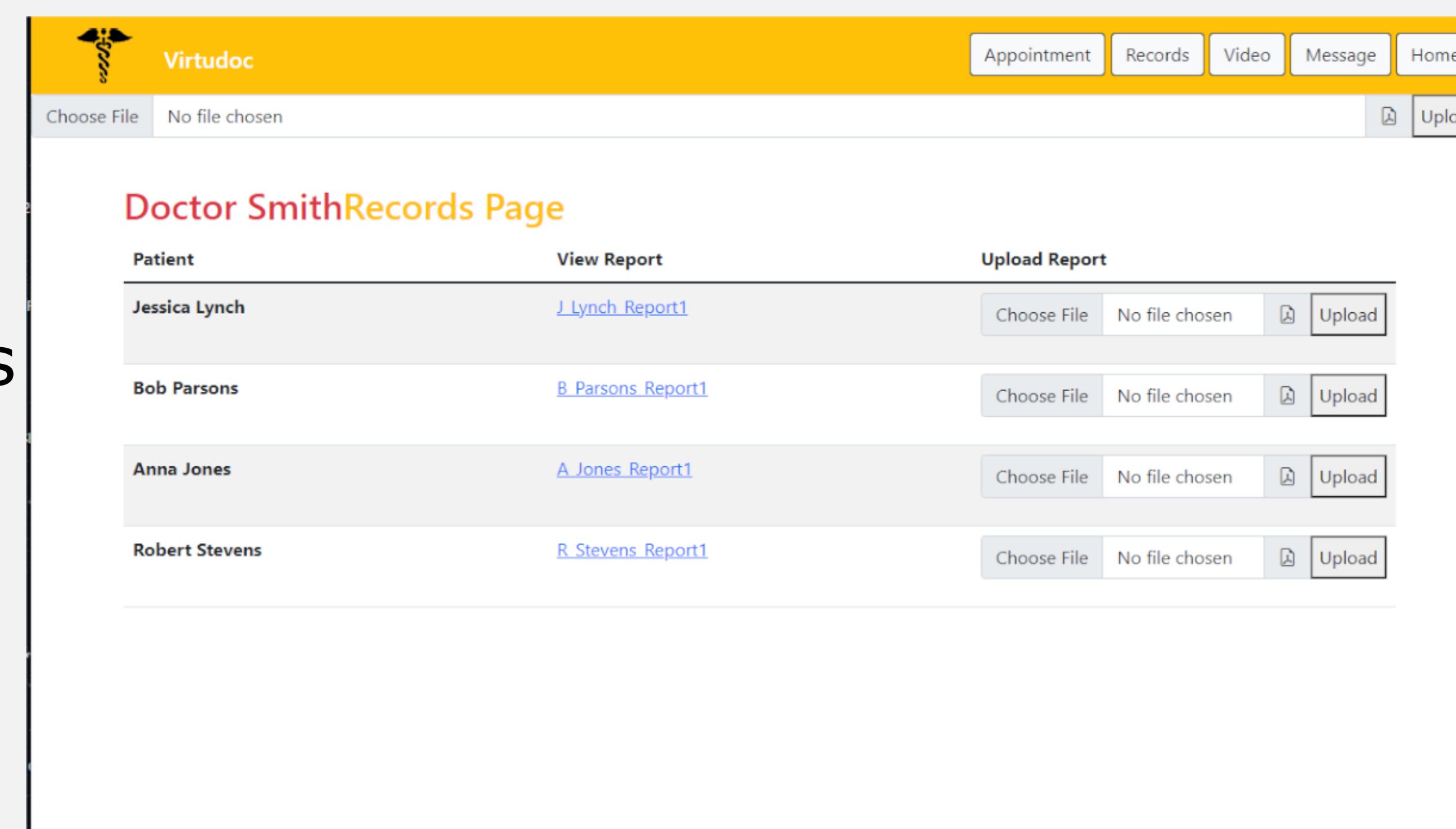
Landing page



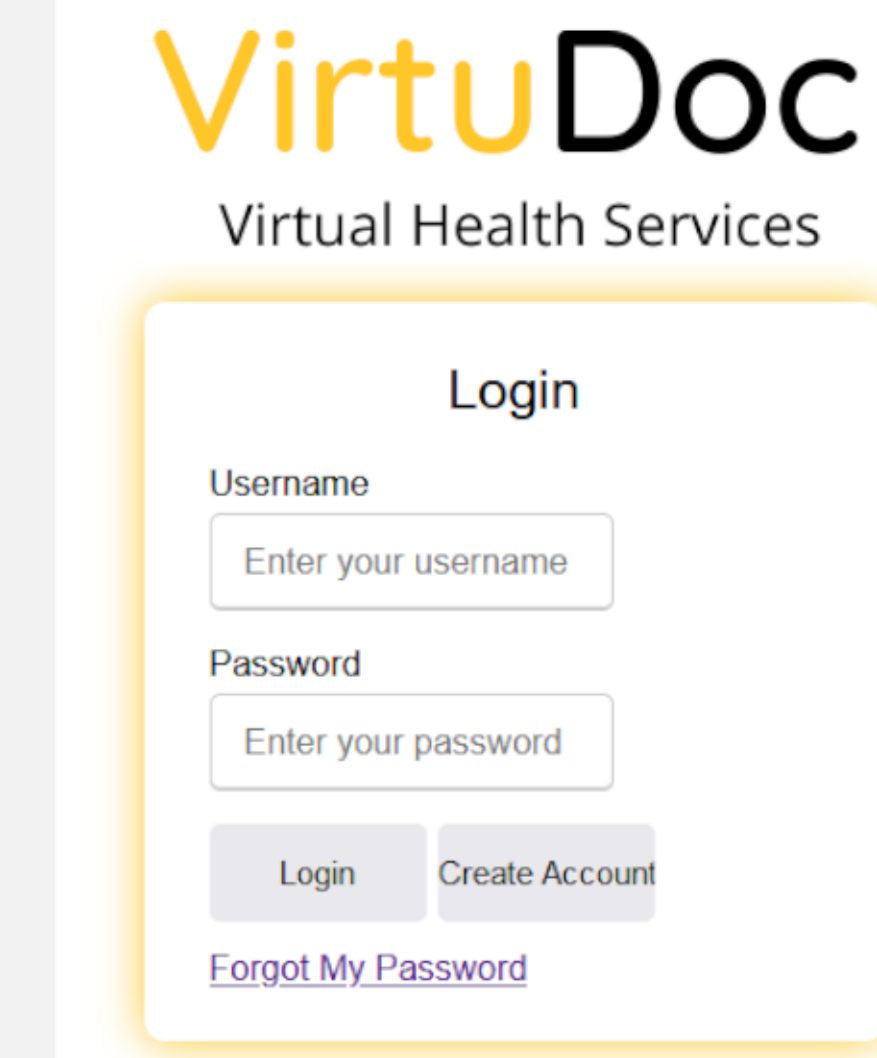
Appointment page



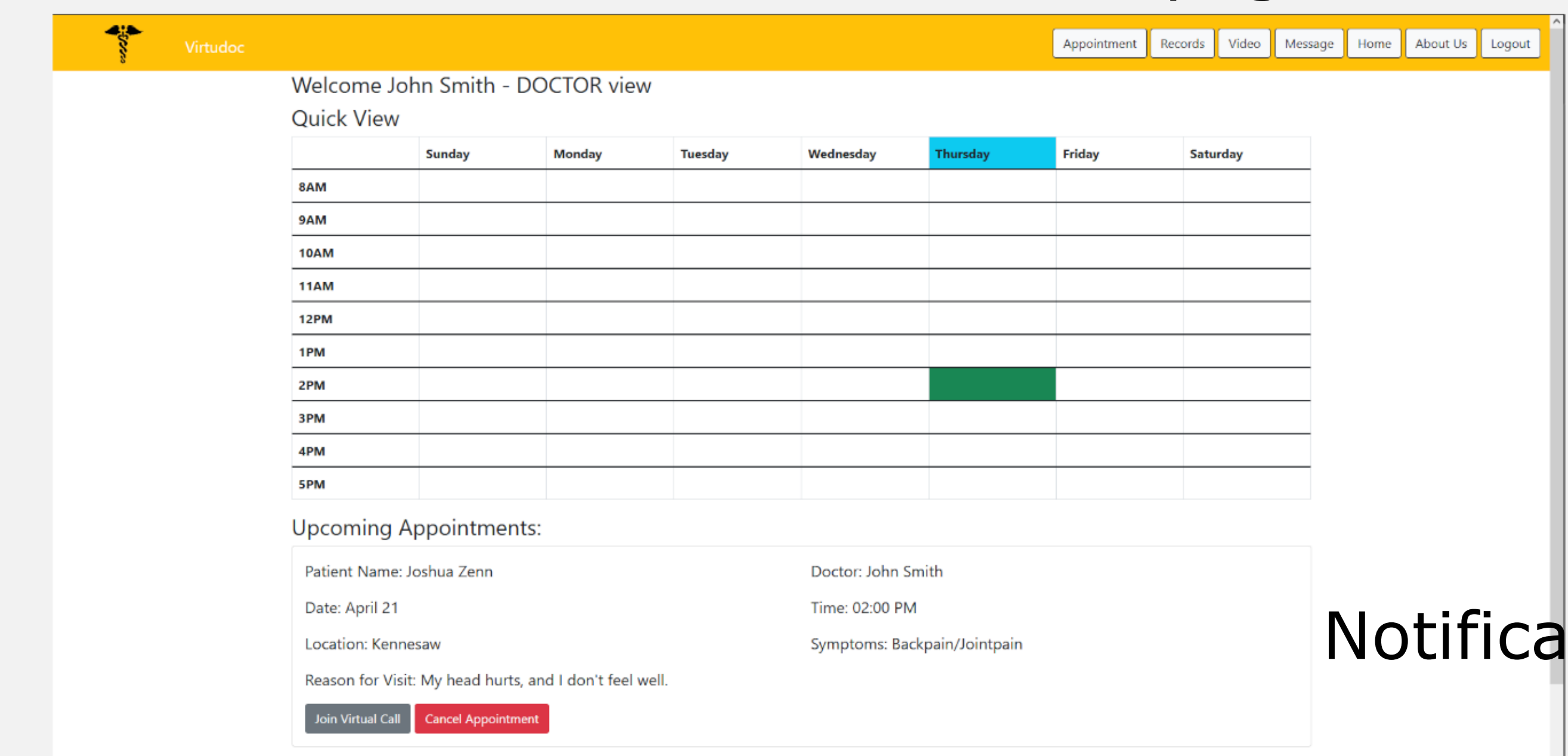
Records pages



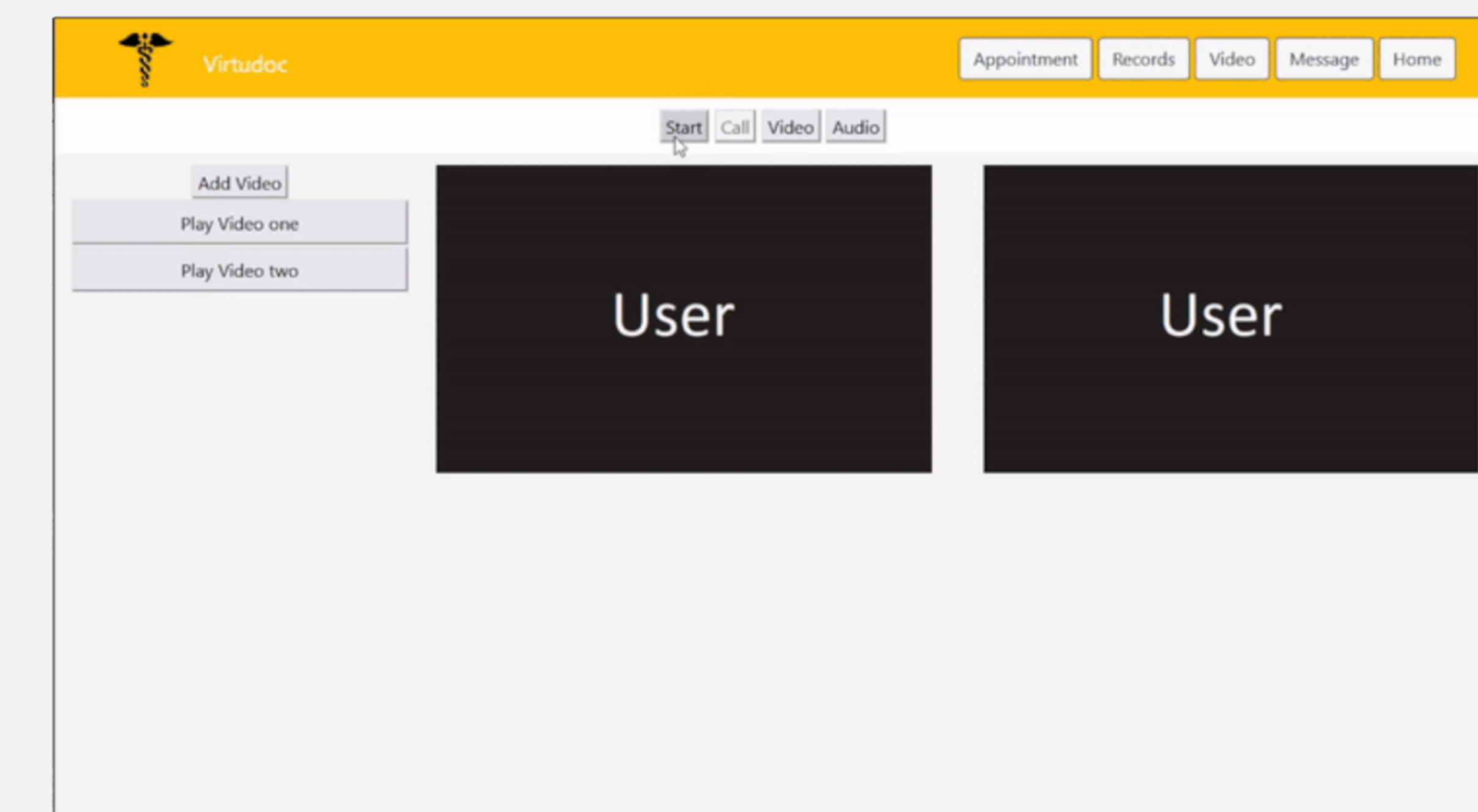
Login page



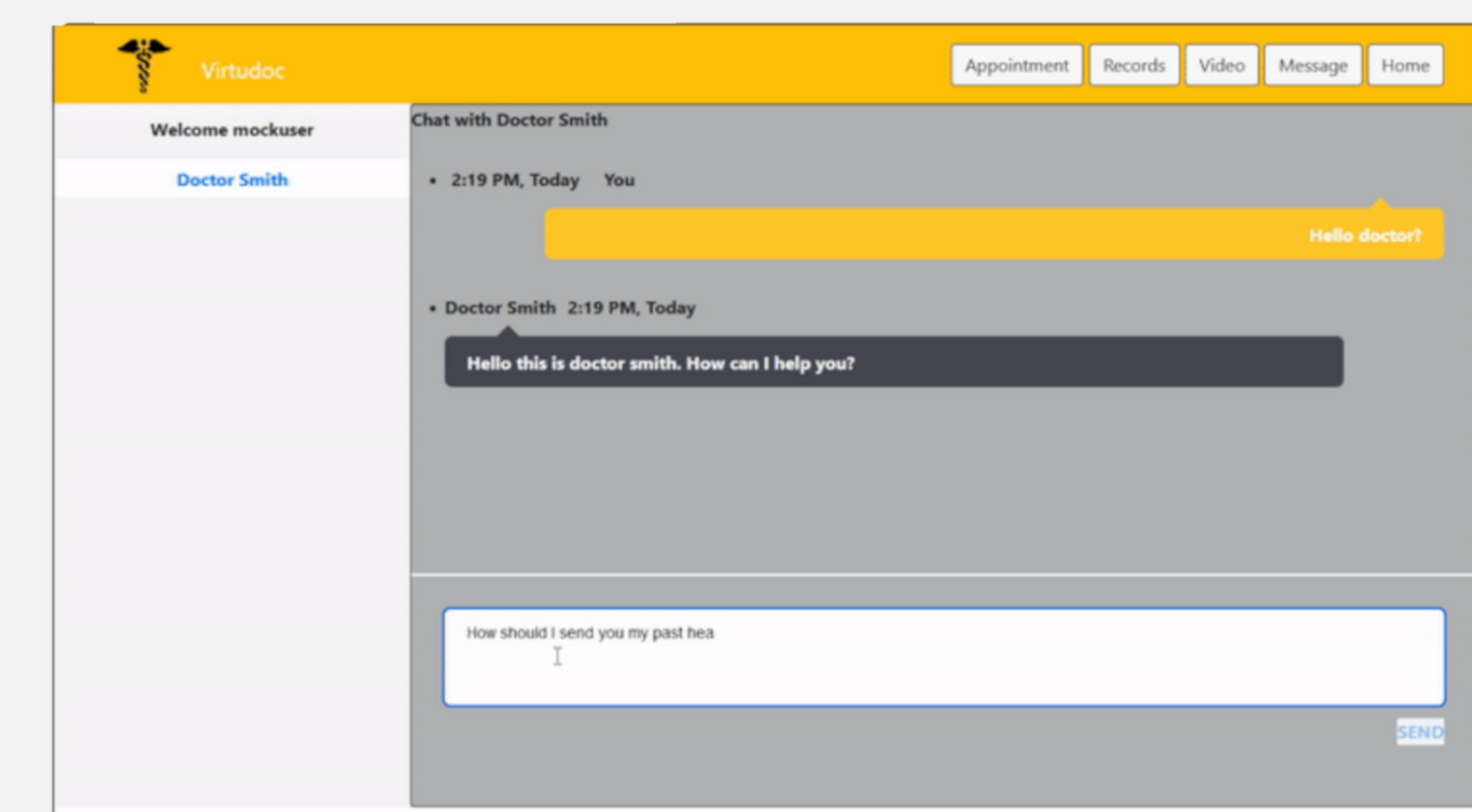
Registration page



Notifications page



Video page



Messaging page