

# Cloud-based Telehealth Application

## Telehealth App

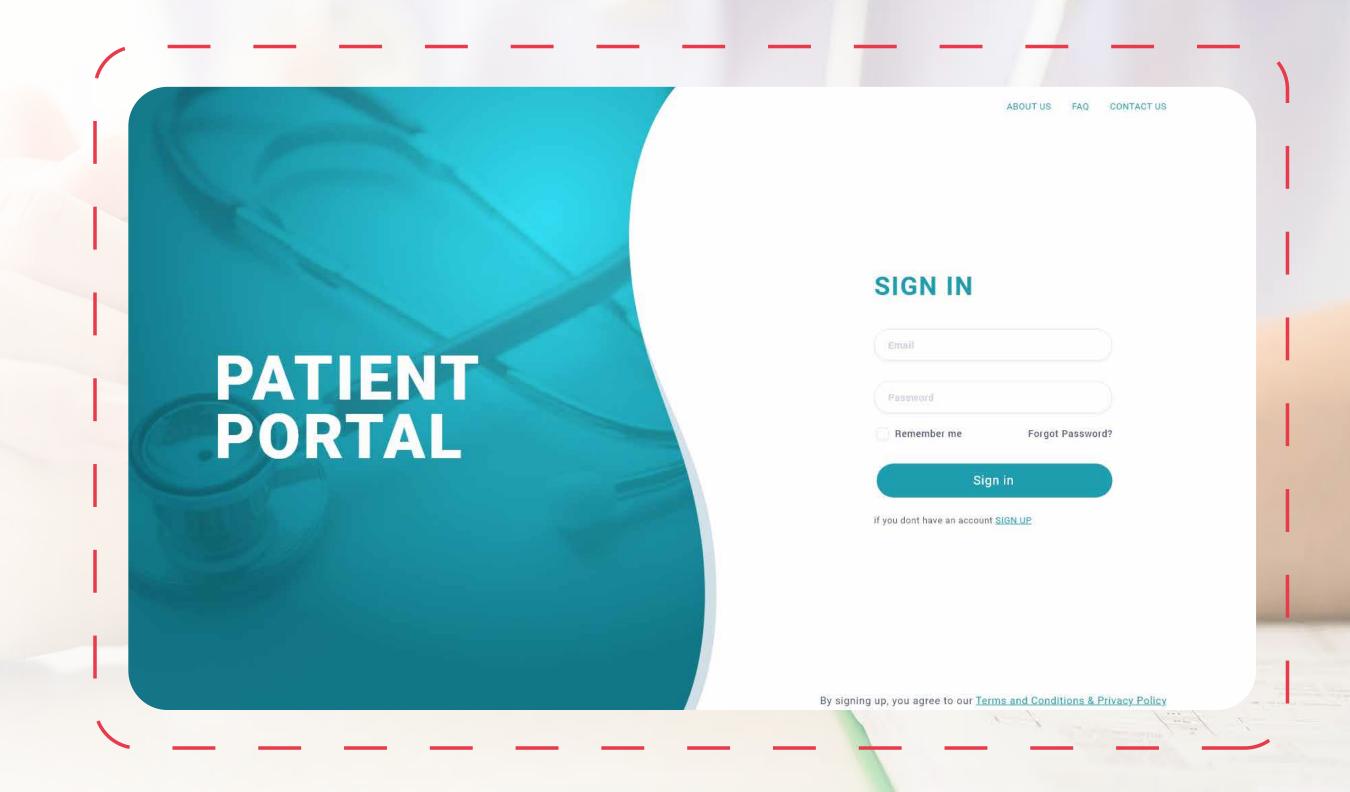
## Cloud-based Telehealth Application

#### **Client:**

A US based Healthcare Organization

#### **Challenges:**

- Lack of single platform to bring patients and their consultants together in secured environment.
- Absence of a platform to store the opinions, recommended treatments by specialists for patients.
- Maintaining patient history "PHR" at a common accessible place.
- Tough for insurance and medico-legal entities to connect with specialists in context of their patients.
- Difficulty of common discussion and document sharing between six different entities.



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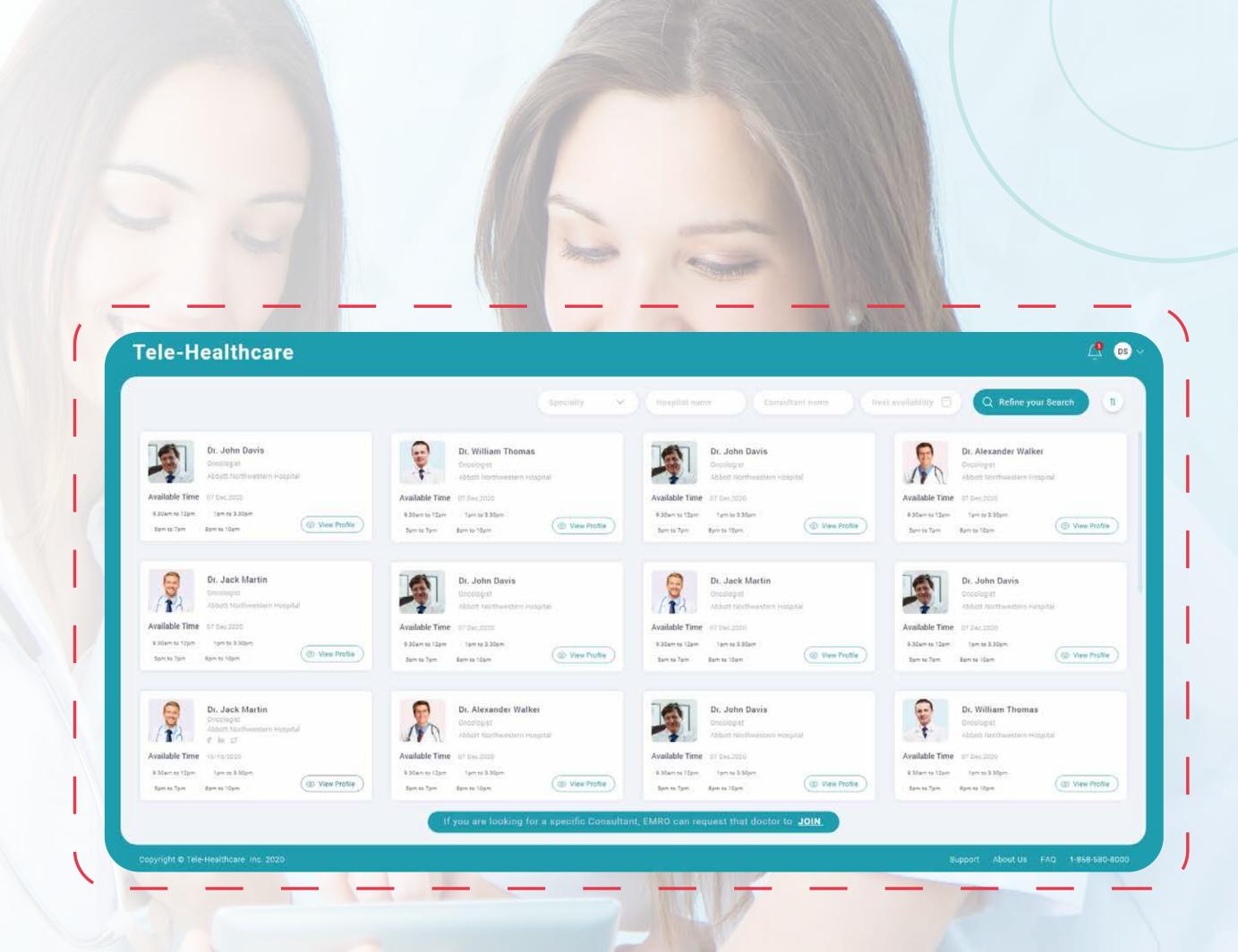
#### Solutions

#### Overview

A cloud based web application that will allow following user types to connect among each other for a virtual on demand service allowing patients and medical experts to discuss chronic disease diagnosis and treatment strategies.

- Specialists/Providers
- Patients' family doctors
- Insurance advisors
- Medico legal
- Diagnostics

These are the relevant stakeholders involved in entire diagnosis process to connect with each other.

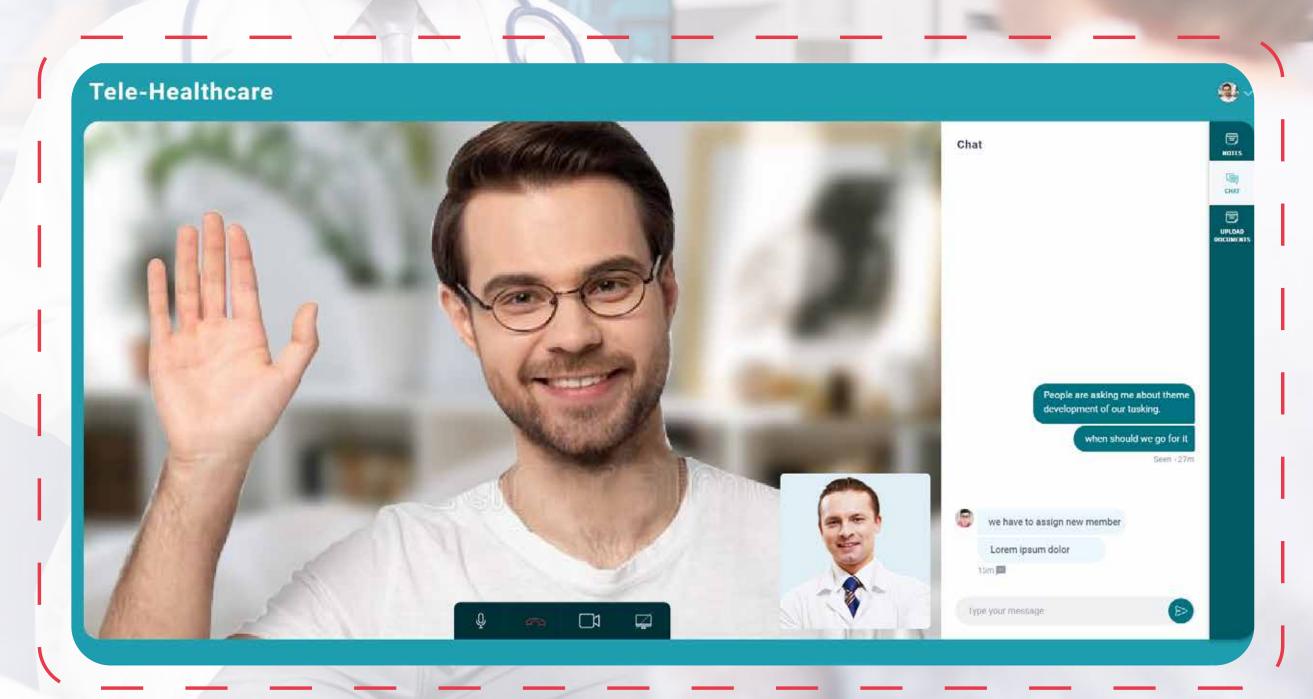


## Telehealth App

#### **Features**

- Individual Account and Dashboard for each of the above defined roles.
- Super Admin can impersonate any of the roles in the application.
- Patient can search for consultants, view their profile, pay and book an appointment on the slot the consultant has made himself available, all of this online on the application itself.
- Patient can sign the consent form, categorize and upload reports.
- Allows patient's representative too to book an appointment and sign off the consent form on behalf of the patient.
- Video conference feature for the appointment between a consultant and patient, giving the patient a personalized experience or even between consultant and other roles.
- Ability to chat, exchange files, make notes during the video conference, record the video conference.
- •One of these roles can invite people and can categorize them in other roles. e.g. A patient can invite his family doctor and specify his role while sending him an invite on this platform.
- Messaging feature, which allows exchanging messages among all roles.

- Allows a consultant to create a report for patient and sign it off in the application.
- Consultant can categorize the patients cases as "Active" or "Archived".
- Though it's a cloud based web application but can be accessed through tablets and mobiles.



## Telehealth App

#### Benefits

- Able to bring together all intended users including patient and doctors.
- Treatment recommended by specialists accessible eventually to all care centres, hospitals who become a part of this platform.
- Allows patient to book hassle-free appointments with consultants.
- All reports can be easily categorized according to their types and shared with consultants, their reply can also be easily checked.
- Messaging feature adds on to the ease to connect with each other among users.

#### Tech stack

- Front end : Angular JSBackend : C# and .NET
- Secure and scalable deployment infrastructure







