



COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK



TeleEasy

Subscription-Based Teleconsultation Platform

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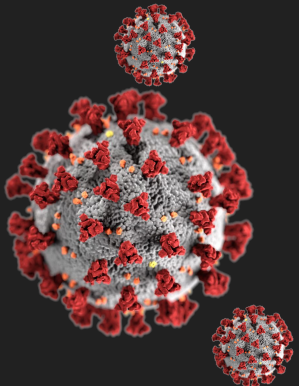


Problem Definition

During these challenging pandemic times, patients are finding it difficult to get in touch with doctors. These times are also financially challenging for patients.

Through our platform, we are trying to solve for the above problems by:

- Enabling patients to easily discover doctors and teleconsult with them
- Subsidize consultation costs using [buffet economics](#).

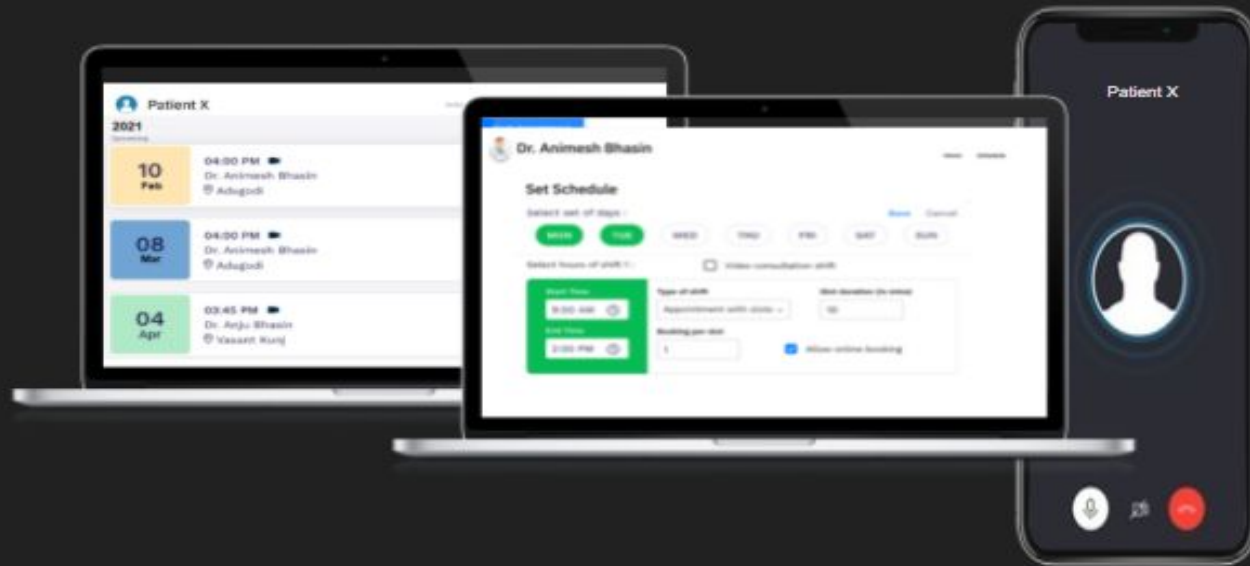


What is the app?



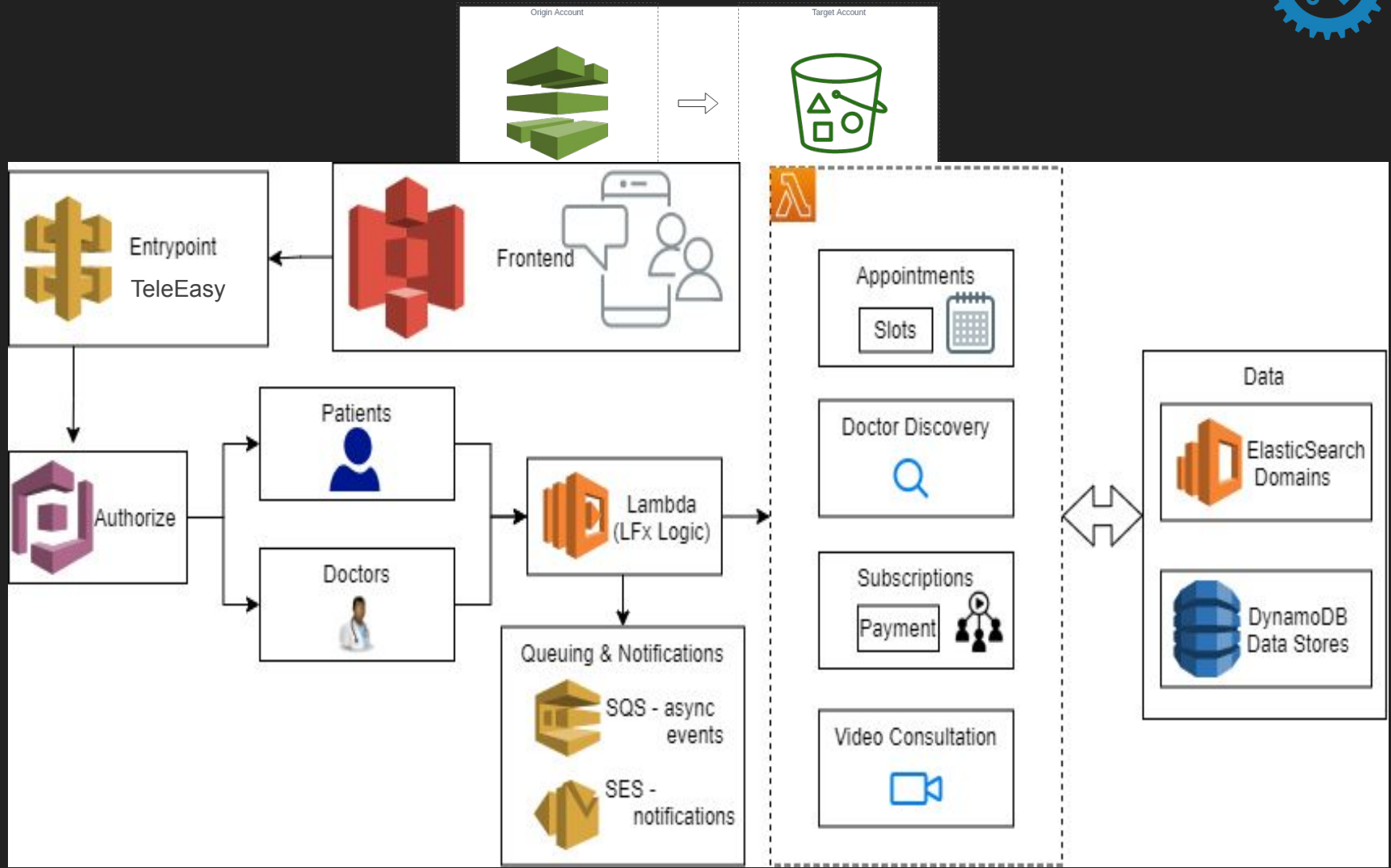
- **TeleEasy** is a subscription based appointment scheduling platform, which bridges the gap between the doctors and patients by making healthcare affordable and accessible.
- The application allows the following features to the patients and doctors:
 - Doctor discoverability for the patients based on their speciality, locality and name.
 - Subscription based appointment booking with weekly, quarterly and yearly subscriptions.
 - Enhanced user interface for the doctors and the patients listing down their past, and upcoming appointments, along with details about the patients for the doctor.
 - Tele-consultation at a fixed appointment slot with patient context predefined before the meeting to enhance the consultation.

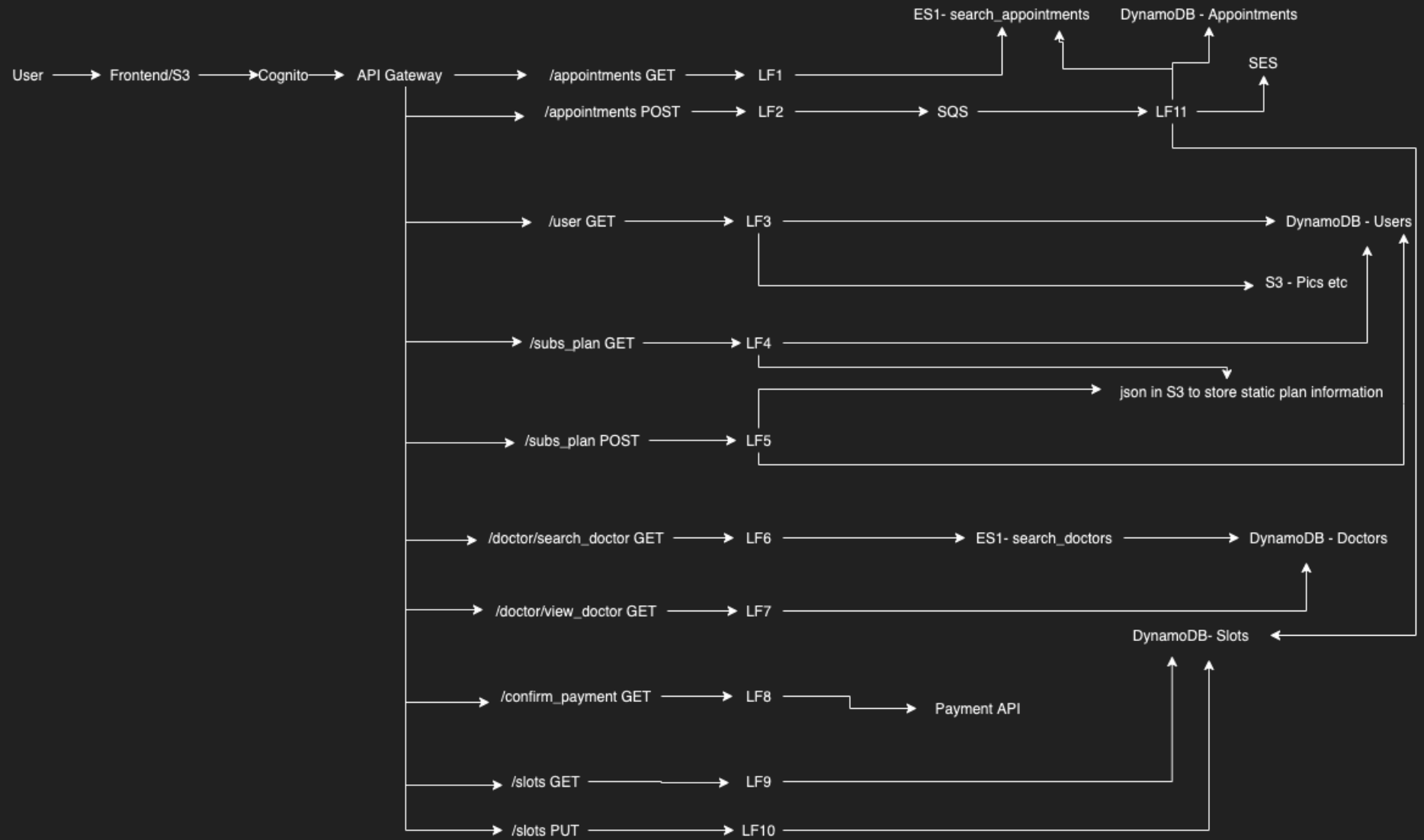
Key Features/Results



- Seamless digital experience with zoom-based tele-consultation for every patient.
- Attractive user interface for facilitating ease of doctor search for patients by speciality, region, name.
- Strong user and doctor authentication(2FA) using AWS Cognito and AWS IAM with private endpoints for APIs.
- Real-world database for more than 1000+ doctors to simulate the usage.
- Scalable solution to facilitate a large consumer base of patients and doctors using asynchronous event processing.
- Database of more than 1000 patients to simulate the usage

Architecture





DEMO

Time for Q/A!



Thanks!

Questions/Discussion/Comments