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Motivation

Two main problems in telehealth:

- A lack of TRANSPARENCY in patientphysician communication, reducing understanding and sense of autonomy
- Unrealized potential for EFFICIENCY in pre-consultations

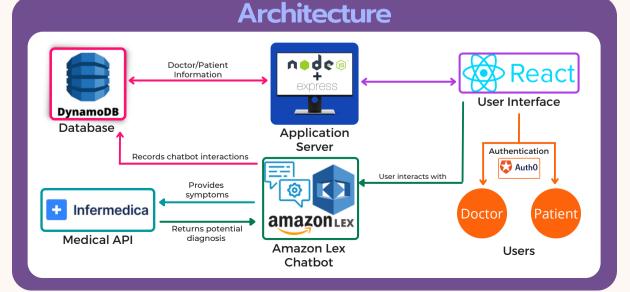
Solution

TRANSPARENCY and EFFICIENCY

- Pre-consultation symptom screening
- Initial diagnosis
- Asynchronous communication

Innovation (patient view) (physician view) Appointment #4727958 ② B.R.A.D Wednesday, 03/02/2022 @ 03:00 PM Appointment #472795 Feb 27 - Mar 5, 2022 Wednesday, 03/02/2022 @ 03:00 PM 1234 Main Street Apt 23, Goleta. CA 93117 Patient Information 1234 Main Street Apt 23, Goleta, CA Name: Katelyn Zhang Birthday: 09/17/2000 Name: Katelyn Zhang Birthday: 09/17/2000 Preconsult Status Incomplete BRAD CHAT BOT Reset Preconsult Status

- Chatbot facilitates symptom screening
- Aggregate symptoms for initial diagnosis
- Display chat logs and summary tags
- Comments section for asynchronous communication
- Patient registration and appointment creation



Next.js React DynamoDB AWS Lambda Amazon Lex Infermedica Auth0 Cloudwatch

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