

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

LIMElight: Life Insurance Made Easy

The Capstone Experience

Team USAA

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Spring 2018



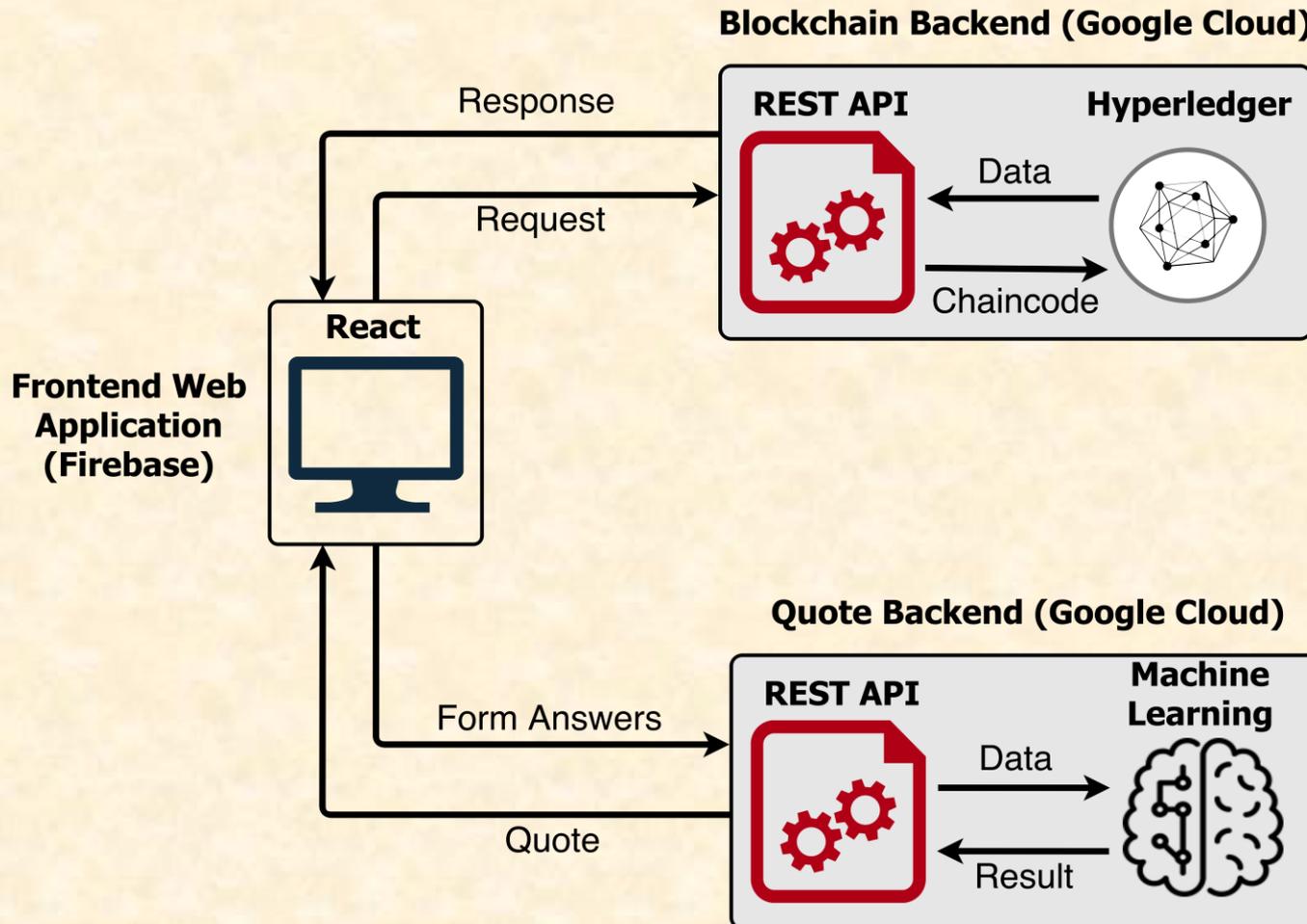
*From Students...
...to Professionals*

Project Overview

- Improve life insurance application process for all parties
- Two components
 - Generating personalized term life insurance quotes using machine learning
 - Storing and sharing medical records with blockchain technology



System Architecture



Get A Quote

USAA®
Get a Quote About

Get a Life Insurance Quote

How old are you?
22

Height (to nearest foot)
6

Height (to nearest inch)
2

Are you married?
 Single
 Married

What is your gender?
 Female
 Male

Do you travel internationally??
 Yes
 No

Have you earned a bachelor's degree?
 Yes
 No

GET A QUOTE

How old are you?

22

Height (to nearest foot)

6

Height (to nearest inch)

2



Quote Result

LIMElight x

LIMElight.usaa.com/quote-result



Get a Quote About

Quoted Monthly Payment

\$60/Month

Quote ID

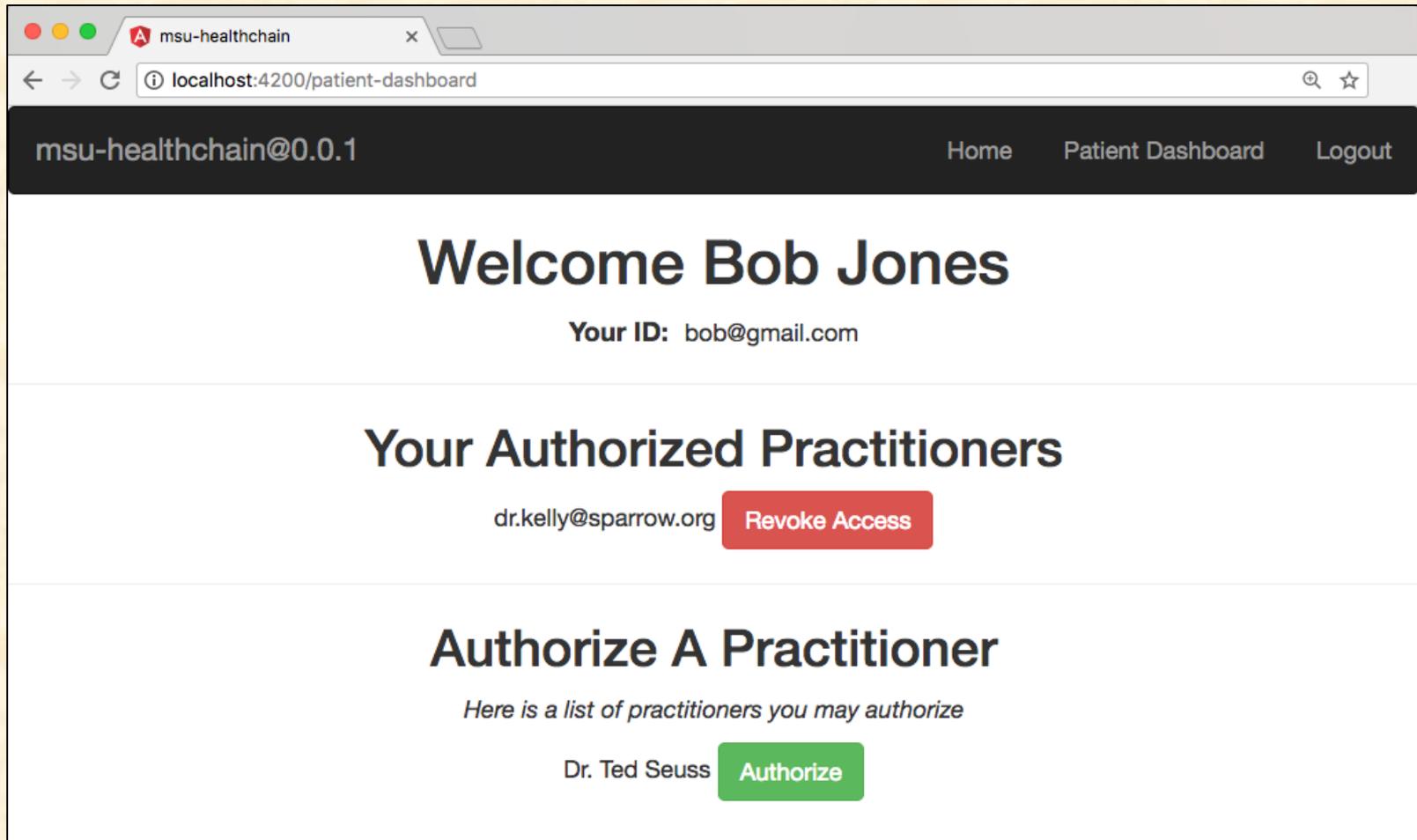
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Next Steps

Contact USAA today with your Quote ID to get started

800-531-USAA

Patient Blockchain View

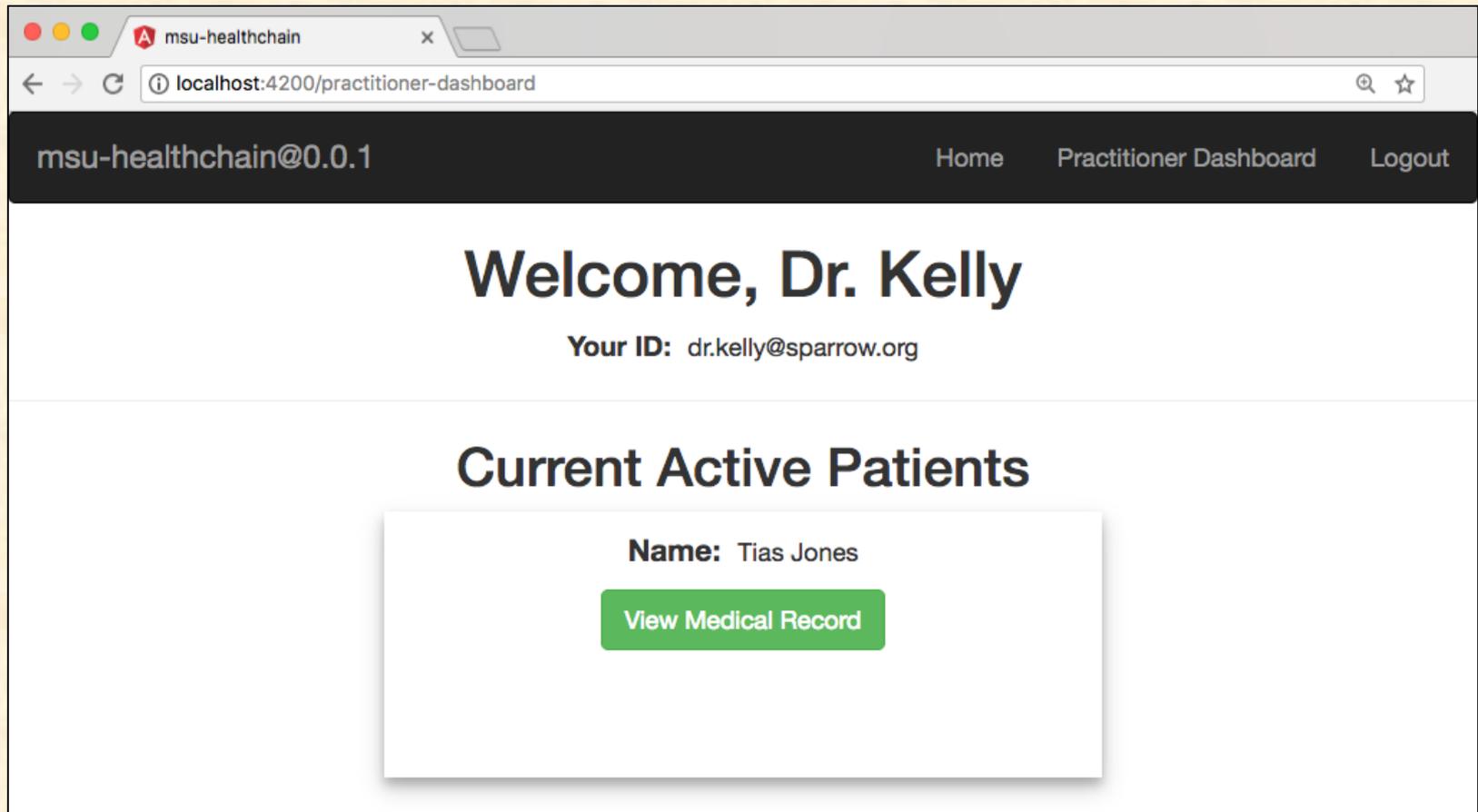


The screenshot shows a web browser window with the following elements:

- Browser Tab:** msu-healthchain
- Address Bar:** localhost:4200/patient-dashboard
- Page Header:** msu-healthchain@0.0.1 (left), Home Patient Dashboard Logout (right)
- Main Content:**
 - Welcome Bob Jones**
Your ID: bob@gmail.com
 - Your Authorized Practitioners**
 - dr.kelly@sparrow.org [Revoke Access](#)
 - Authorize A Practitioner**
Here is a list of practitioners you may authorize
 - Dr. Ted Seuss [Authorize](#)



Practitioner Blockchain View



The screenshot shows a web browser window with the following elements:

- Browser tab: msu-healthchain
- Address bar: localhost:4200/practitioner-dashboard
- Page header: msu-healthchain@0.0.1 (left), Home, Practitioner Dashboard, Logout (right)
- Main content area:
 - Header: **Welcome, Dr. Kelly**
 - Text: **Your ID:** dr.kelly@sparrow.org
 - Section: **Current Active Patients**
 - Card for Tias Jones:
 - Name:** Tias Jones
 - [View Medical Record](#) (green button)



What's left to do?

- Complete HealthChain third-party UI
- Deploy blockchain to Google Cloud
- Finalize the most significant questions for generating a quote
- Improve machine learning performance
- Refine frontend design



Questions?

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