Alpha Presentation
LIMElight: Life Insurance Made Easy

The Capstone Experience
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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

Frontend Web Application (Firebase)

React

Blockchain Backend (Google Cloud)

REST API

Hyperledger

Data

Chaincode

Quote Backend (Google Cloud)

REST API

Machine Learning

Data

Result

Form Answers

Response

Request

Quote
Get A Quote

How old are you?
22

Height (to nearest foot)
6

Height (to nearest inch)
2
Quote Result

Quoted Monthly Payment

$60/Month

Quote ID

89437

Next Steps
Contact USAA today with your Quote ID to get started
800-531-USAA
Patient Blockchain View

Welcome Bob Jones

Your ID: bob@gmail.com

Your Authorized Practitioners

dr.kelly@sparrow.org

Authorize A Practitioner

Here is a list of practitioners you may authorize

Dr. Ted Seuss

Authorize
Practitioner Blockchain View

Welcome, Dr. Kelly
Your ID: dr.kelly@sparrow.org

Current Active Patients
Name: Tias Jones
View Medical Record
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?