MICHIGAN STATE UNIVERSITY Beta Presentation Surge xOS: Visualization of Automated Underwriting The Capstone Experience Team Surge Solutions

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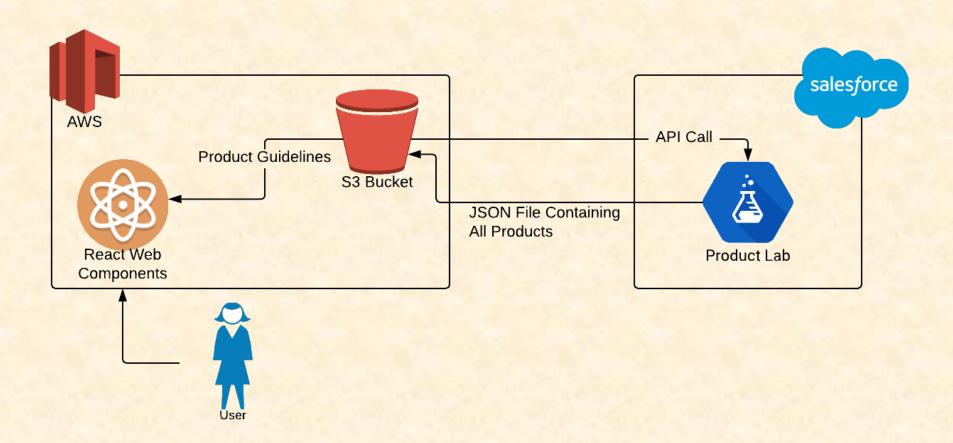
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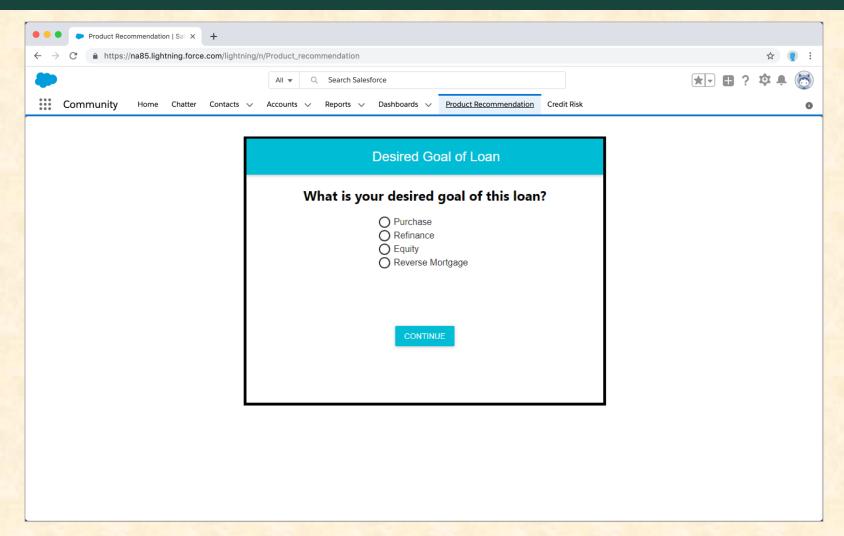
Project Overview

- Make Loan Underwriting Process Fast and Accurate
 - Recommend products directly to customers
 - Allow loan officers to easily view eligible products
- Enable Lenders to Visualize and Adjust Financial Products
 - How the risk and net benefit of a financial product changes as the product policy changes

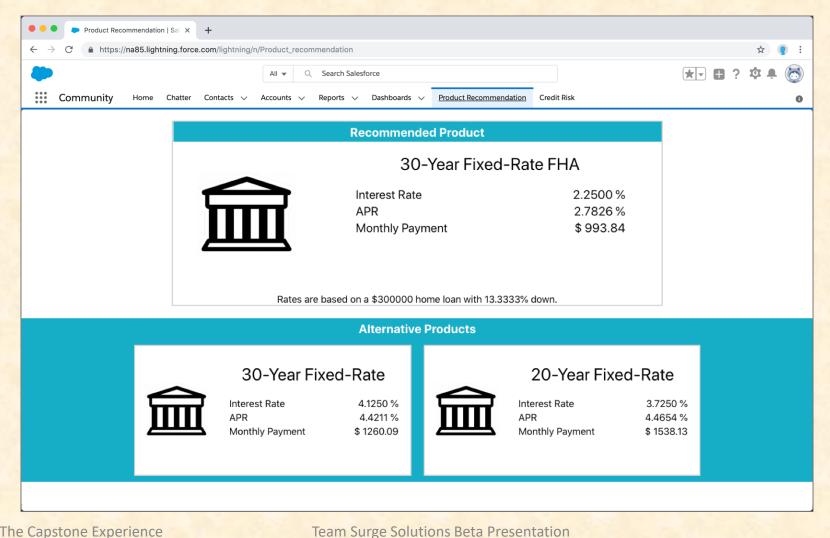
System Architecture



Product Recommendation

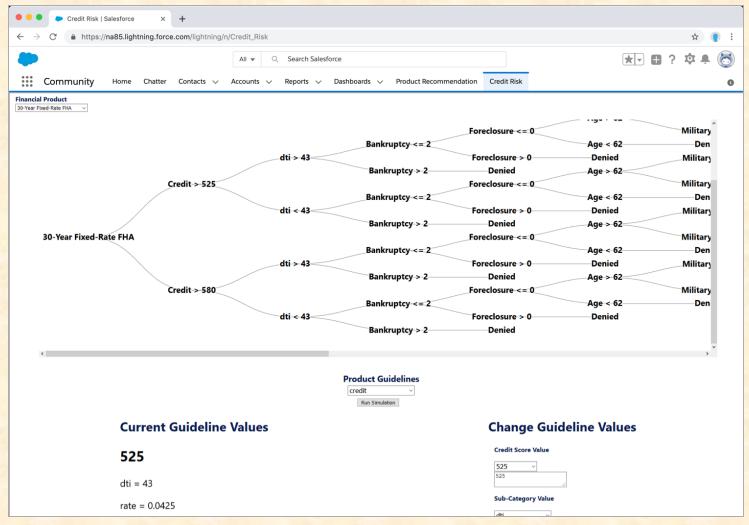


Product Recommendation



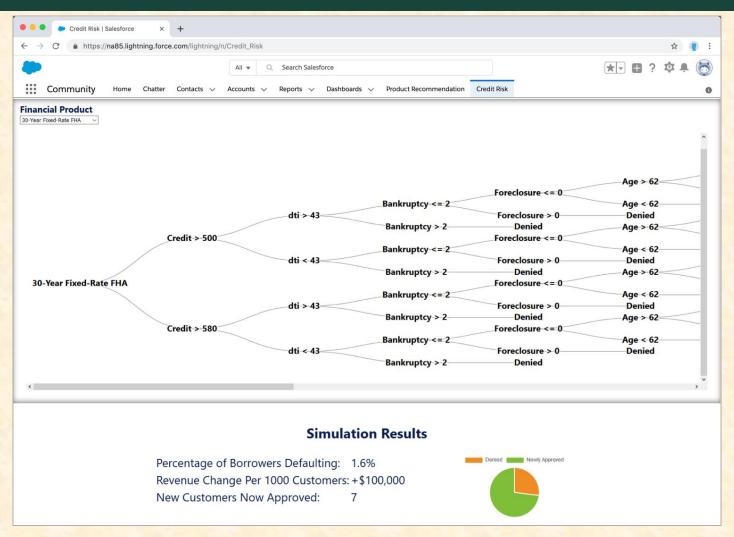


Credit Risk Analysis





Credit Risk Analysis





What's left to do?

- Bug Fixes in Both Applications
- Refine Salesforce Implementation
- Improve Monte Carlo Simulation
- Update UI to fit with Salesforce Lightning Design System

Questions?

