

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

Location-Based Services App

The Capstone Experience

Team Auto-Owners

Alex Besinger

Josh Christ

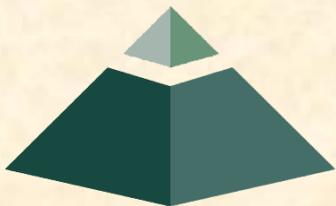
Yunfei Peng

Seth Schmitz

Department of Computer Science and Engineering

Michigan State University

Spring 2017



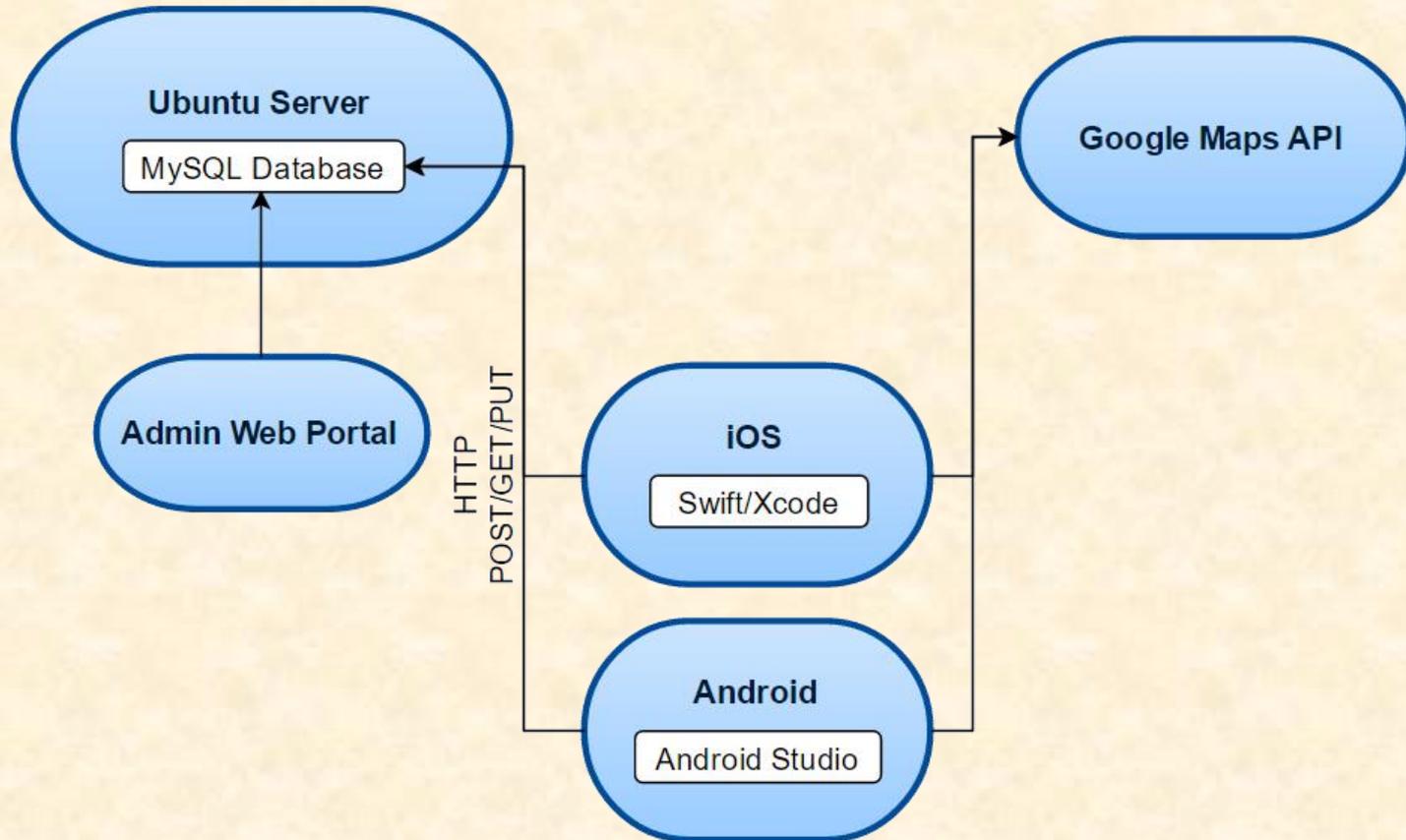
*From Students...
...to Professionals*

Project Overview

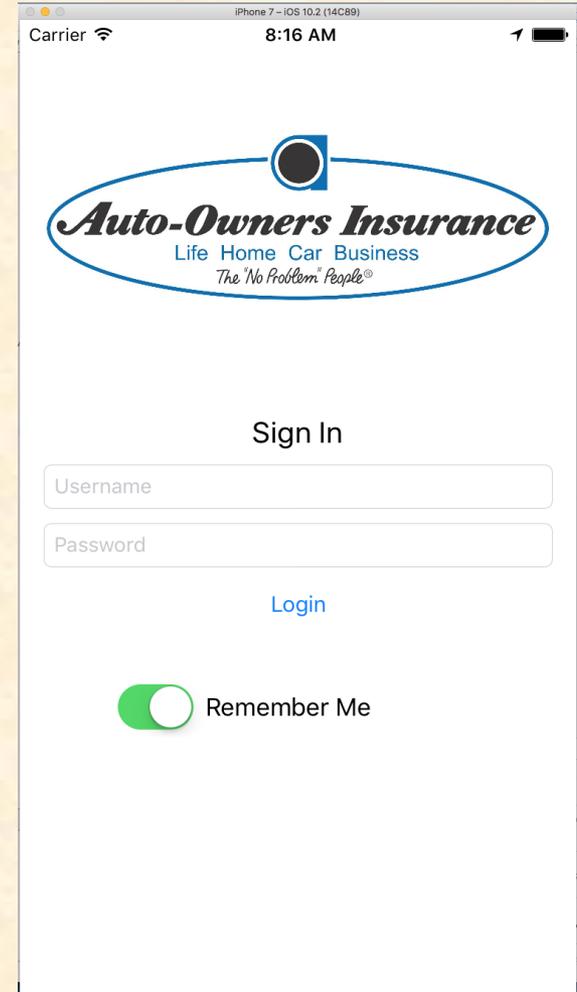
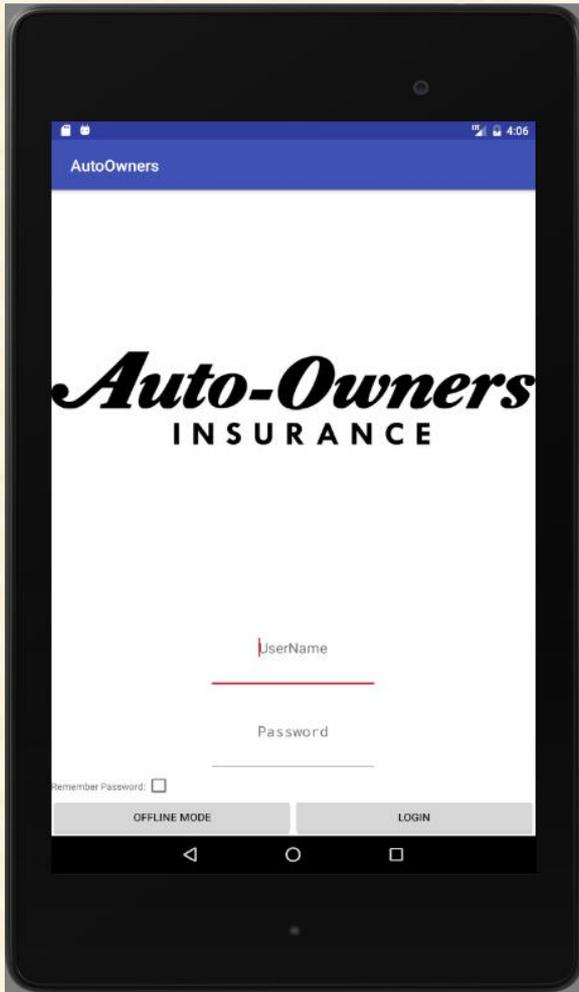
- We have created a mobile app that will allow Auto-Owners employees to view customer information wherever they go
- The app shows a map of the user's location, and displays all local addresses that have policies, claims, or proposals
- The legend has settings to filter what information is shown



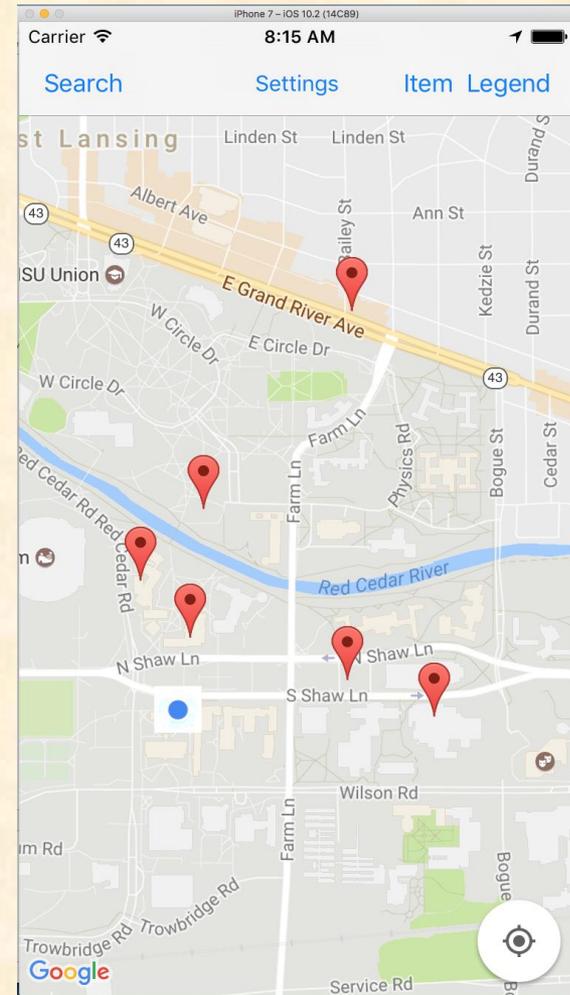
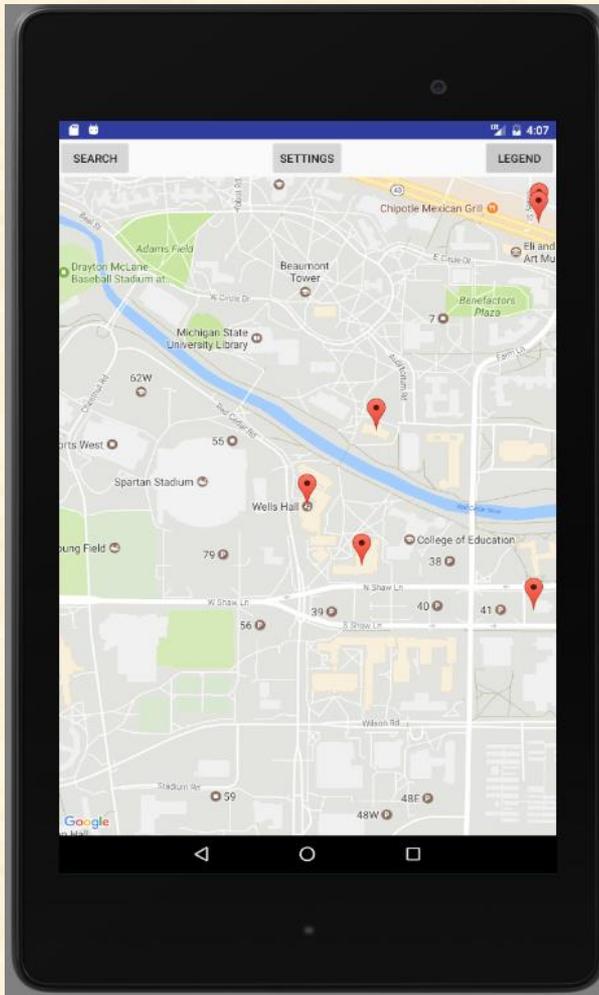
System Architecture



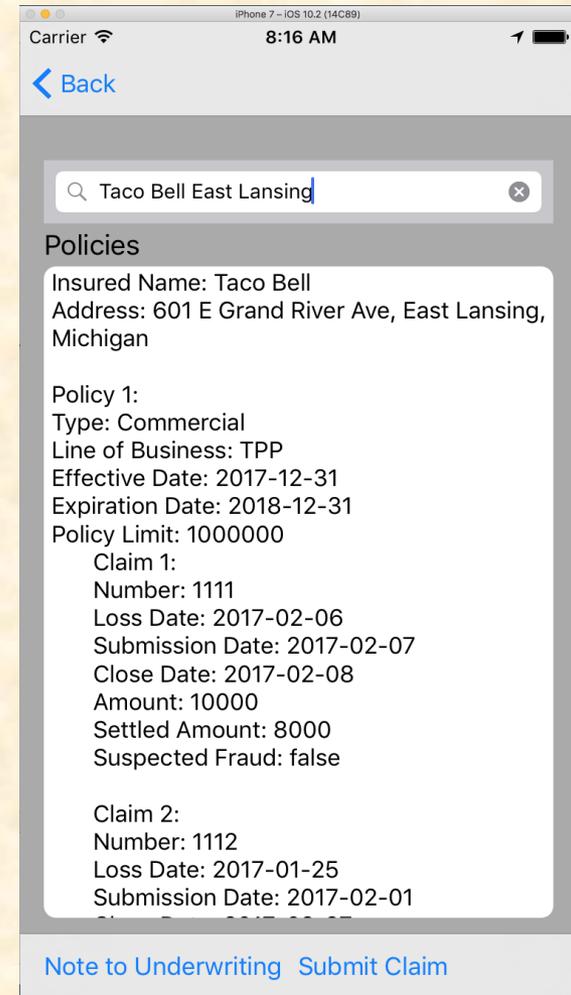
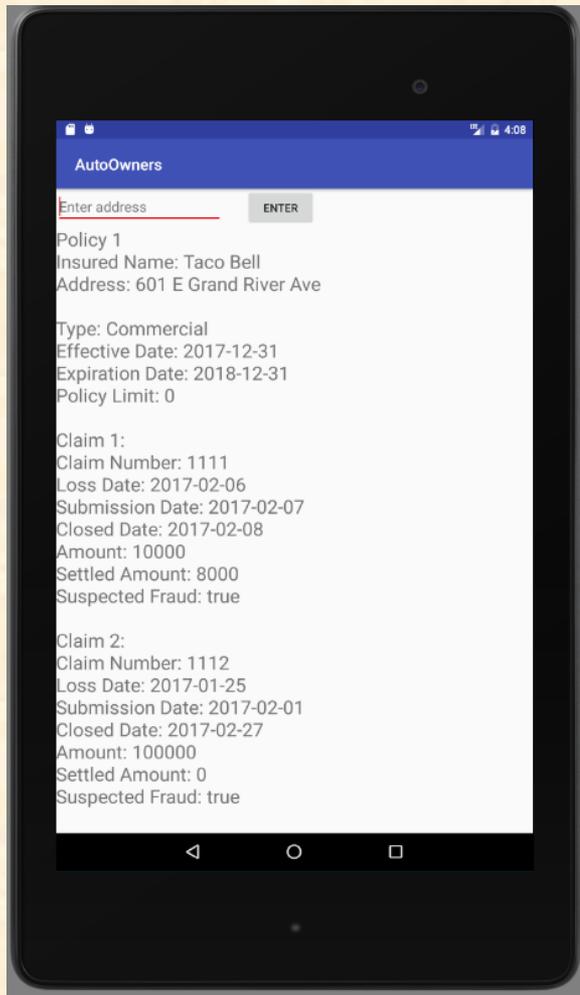
Login Screen



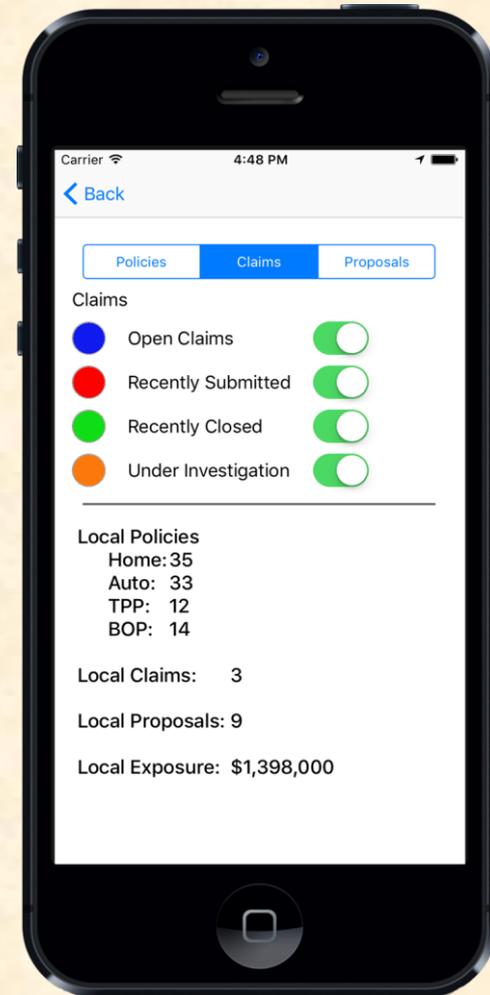
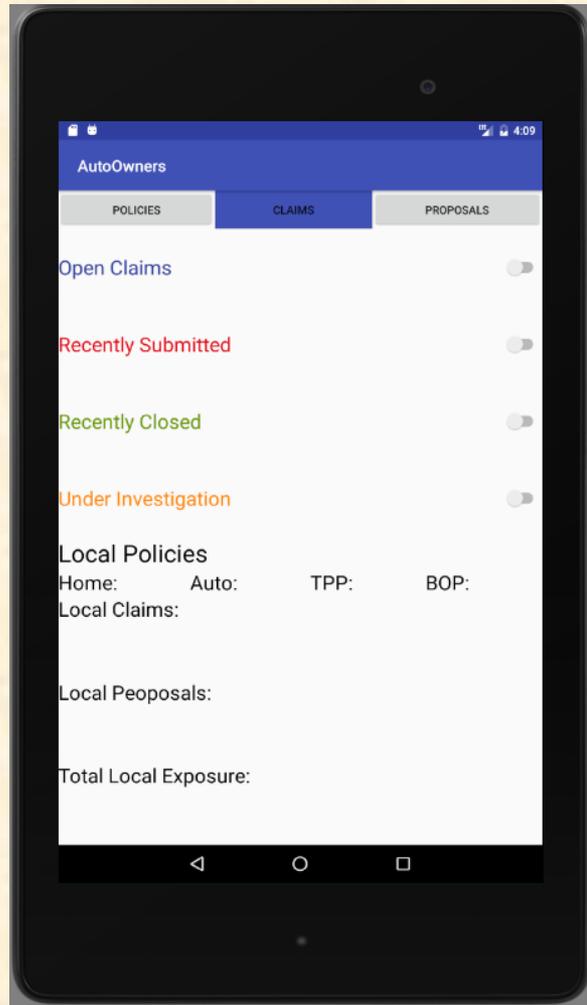
Map Screen



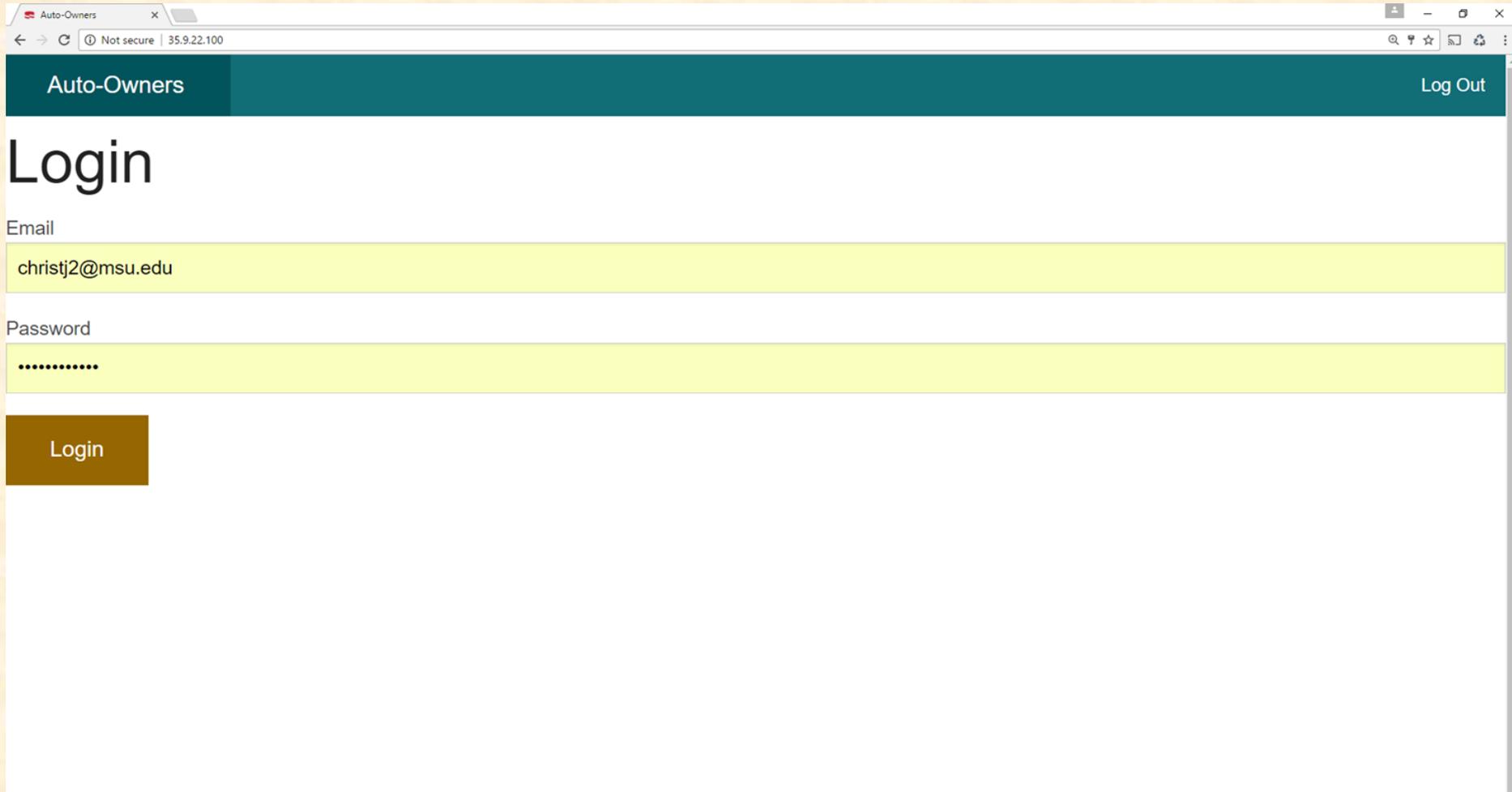
Policy Search and Display Screen



Legend Screen



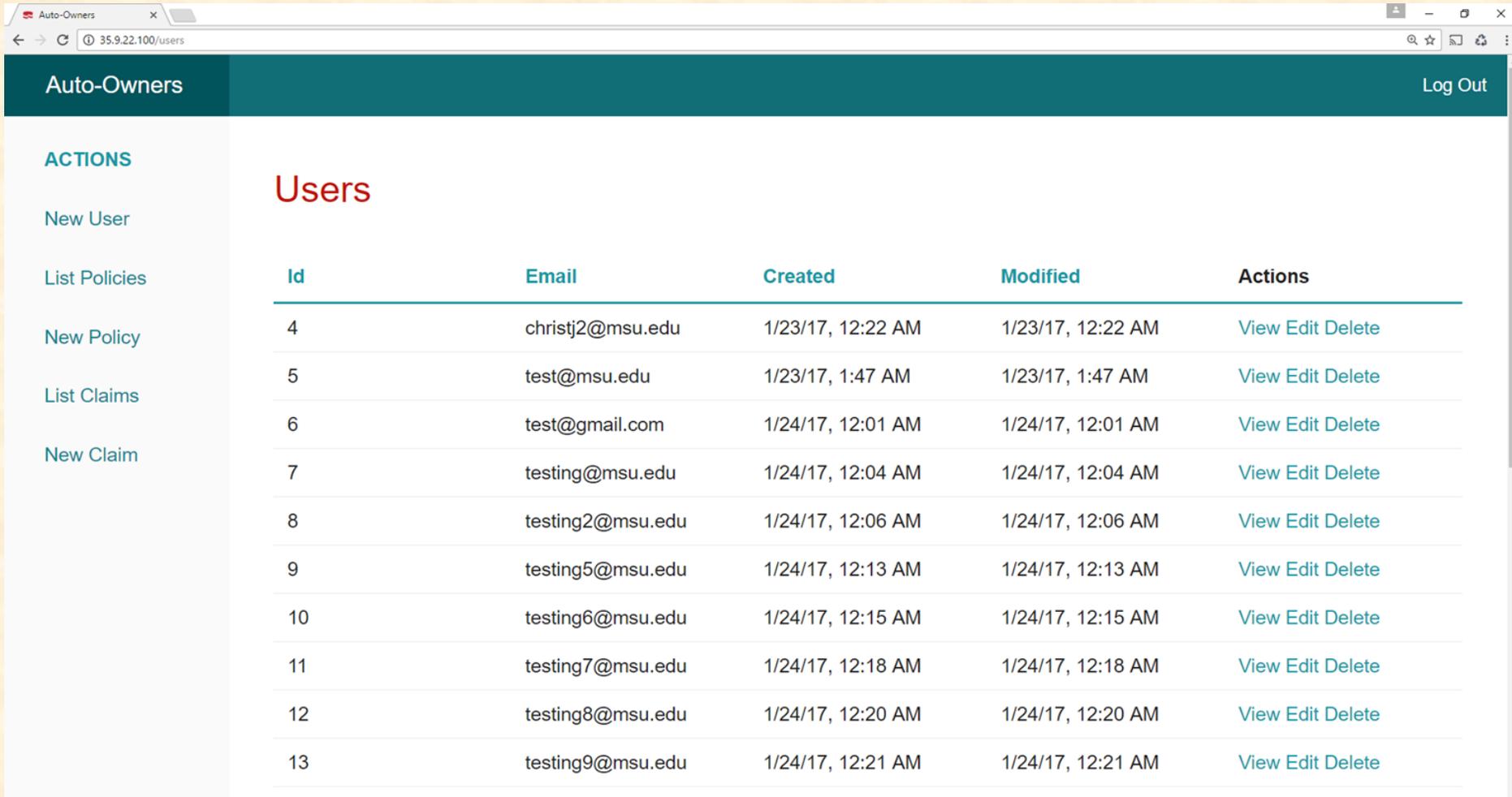
Admin Portal: Login



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

- Browser Tab:** Auto-Owners
- Address Bar:** Not secure | 35.9.22.100
- Page Header:** Auto-Owners (left), Log Out (right)
- Section Header:** Login
- Email Field:** Labeled "Email", containing the text "christj2@msu.edu".
- Password Field:** Labeled "Password", containing a masked password represented by ten dots.
- Login Button:** A brown button labeled "Login".

Admin Portal: List Users

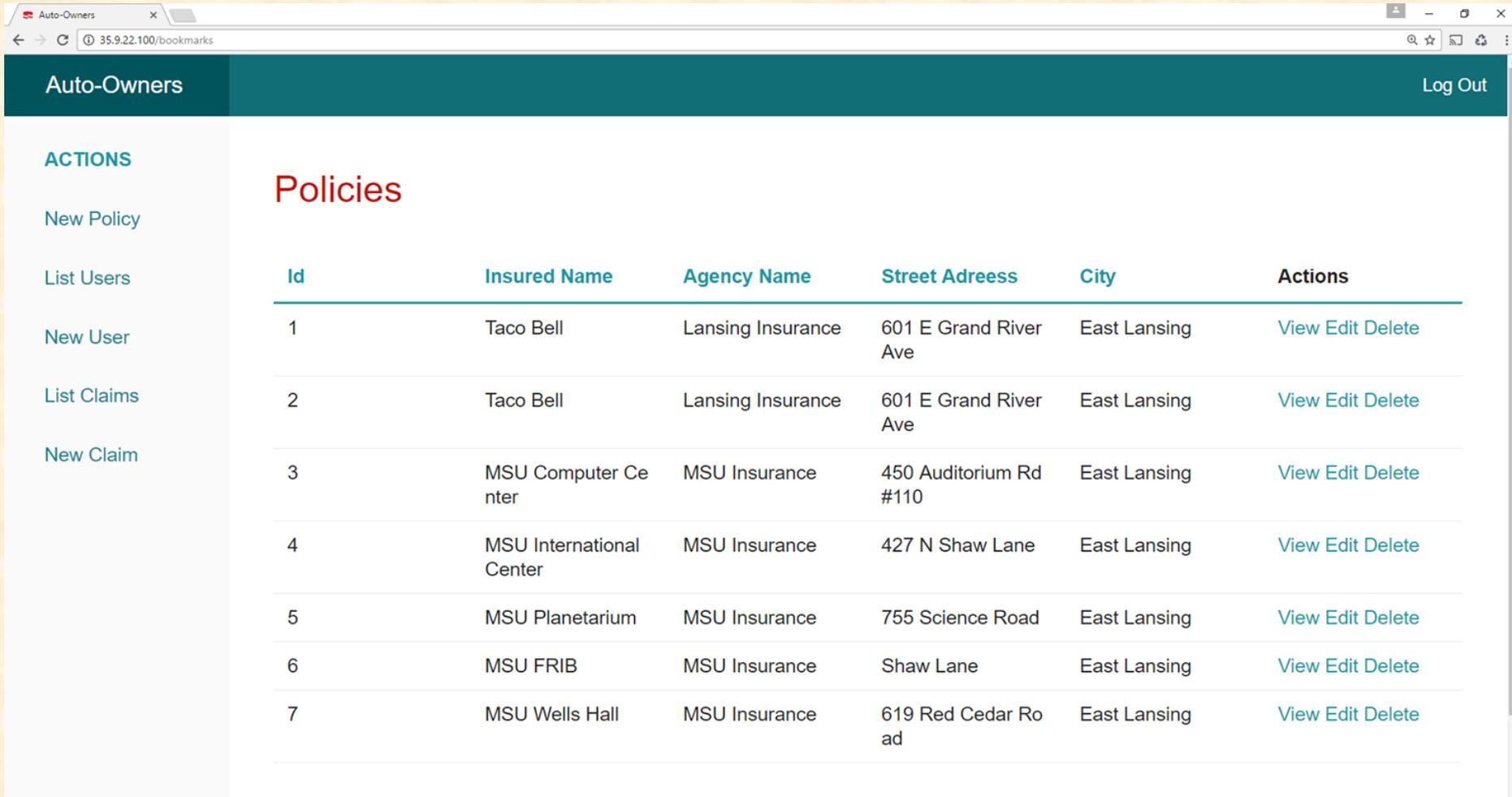


The screenshot displays the 'Auto-Owners' admin portal. The top navigation bar includes the 'Auto-Owners' logo and a 'Log Out' button. A left sidebar lists navigation options under the heading 'ACTIONS': New User, List Policies, New Policy, List Claims, and New Claim. The main content area is titled 'Users' and contains a table with the following data:

Id	Email	Created	Modified	Actions
4	christj2@msu.edu	1/23/17, 12:22 AM	1/23/17, 12:22 AM	View Edit Delete
5	test@msu.edu	1/23/17, 1:47 AM	1/23/17, 1:47 AM	View Edit Delete
6	test@gmail.com	1/24/17, 12:01 AM	1/24/17, 12:01 AM	View Edit Delete
7	testing@msu.edu	1/24/17, 12:04 AM	1/24/17, 12:04 AM	View Edit Delete
8	testing2@msu.edu	1/24/17, 12:06 AM	1/24/17, 12:06 AM	View Edit Delete
9	testing5@msu.edu	1/24/17, 12:13 AM	1/24/17, 12:13 AM	View Edit Delete
10	testing6@msu.edu	1/24/17, 12:15 AM	1/24/17, 12:15 AM	View Edit Delete
11	testing7@msu.edu	1/24/17, 12:18 AM	1/24/17, 12:18 AM	View Edit Delete
12	testing8@msu.edu	1/24/17, 12:20 AM	1/24/17, 12:20 AM	View Edit Delete
13	testing9@msu.edu	1/24/17, 12:21 AM	1/24/17, 12:21 AM	View Edit Delete



Admin Portal: List Policies



The screenshot shows a web browser window with the URL 35.9.22.100/bookmarks. The page title is "Auto-Owners" and there is a "Log Out" link in the top right corner. On the left side, there is a navigation menu under the heading "ACTIONS" with the following items: "New Policy", "List Users", "New User", "List Claims", and "New Claim". The main content area is titled "Policies" and contains a table with the following data:

Id	Insured Name	Agency Name	Street Address	City	Actions
1	Taco Bell	Lansing Insurance	601 E Grand River Ave	East Lansing	View Edit Delete
2	Taco Bell	Lansing Insurance	601 E Grand River Ave	East Lansing	View Edit Delete
3	MSU Computer Center	MSU Insurance	450 Auditorium Rd #110	East Lansing	View Edit Delete
4	MSU International Center	MSU Insurance	427 N Shaw Lane	East Lansing	View Edit Delete
5	MSU Planetarium	MSU Insurance	755 Science Road	East Lansing	View Edit Delete
6	MSU FRIB	MSU Insurance	Shaw Lane	East Lansing	View Edit Delete
7	MSU Wells Hall	MSU Insurance	619 Red Cedar Road	East Lansing	View Edit Delete



Admin Portal: Edit Policy

The screenshot displays the 'Auto-Owners' admin portal interface. The browser address bar shows the URL '35.9.22.100/bookmarks/edit/1'. The page title is 'Auto-Owners' and there is a 'Log Out' link in the top right corner. A sidebar on the left lists 'ACTIONS' including 'Delete', 'List Policies', 'List Users', and 'New User'. The main content area is titled 'Edit Policy' and contains the following form fields:

- Proposal Or Policy:** A text input field containing the value 'Policy'.
- Policy Type:** A text input field containing the value 'Commercial'.
- Line Of Business:** A text input field containing the value 'TPP'.
- Effective Date:** A date picker showing '2017', 'December', '31', '0-', and '00'.
- Expiration Date:** A date picker showing '2018', 'December', '31', '0-', and '00'.
- Insured Name:** An empty text input field.



Admin Portal: List Claims

Auto-Owners Log Out

ACTIONS

- New Claim
- List Policies
- New Policy
- List Users
- New User

Claims

Id	Claim Number	Loss Sustained Date	Claim Submitted Date	Claim Amount	Settled Amount	Claim Closed Date	Fraud Indicator	Actions
1	1111	2/6/17, 12:00 AM	2/7/17, 12:00 AM	10000	8000	2/8/17, 12:00 AM	n	View Edit Delete
2	1112	1/25/17, 12:00 AM	2/1/17, 12:00 AM	100000	0	2/27/17, 12:00 AM	y	View Edit Delete
3	1113	2/19/17, 7:03 PM	2/19/17, 7:03 PM			2/19/17, 7:03 PM		View Edit Delete

[< previous](#) [next >](#)

Page 1 of 1, showing 3 record(s) out of 3 total



What's left to do?

- Filtering of Policies in Search and in Map screens
- Display data more efficiently
- Color code map markers according to legend filter
- Display cross-selling info on map



Questions?

?

?

?

?

?

?

?

?

?

