MICHIGAN STATE
U N I V E R S I T Y

Beta Presentation
Catastrophic Claims Unit Mobilization

The Capstone Experience

Team Auto-Owners
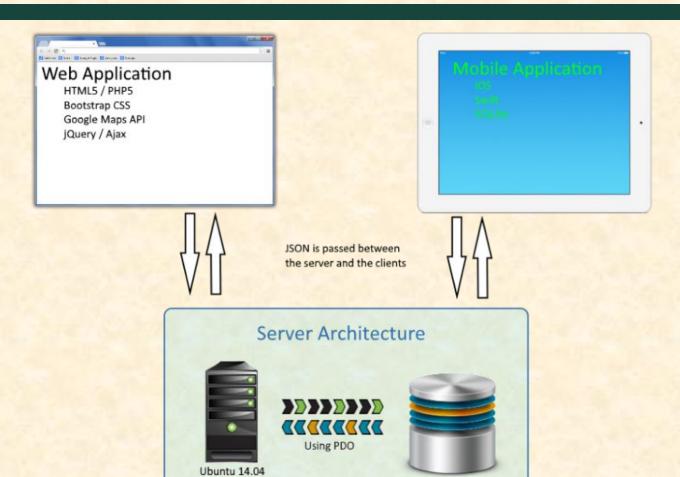
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Michigan State University

Spring 2016

From Students…
…to Professionals

Project Overview

- Interactive web page that displays policies and statistics

- Determine high and low damage weather areas

- Determine centralized location for Mobile Claims Unit Bus

- Complete preprinted loss form on mobile application

- Filter and search policies on both platforms

- Data searches in limited to non-existent internet environments
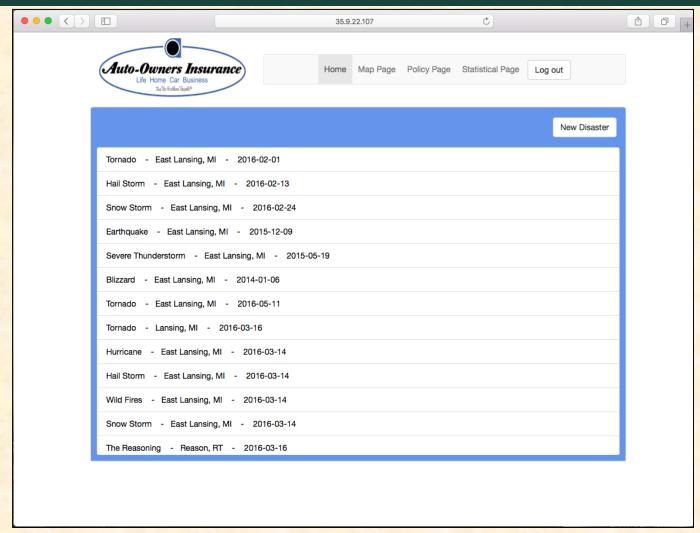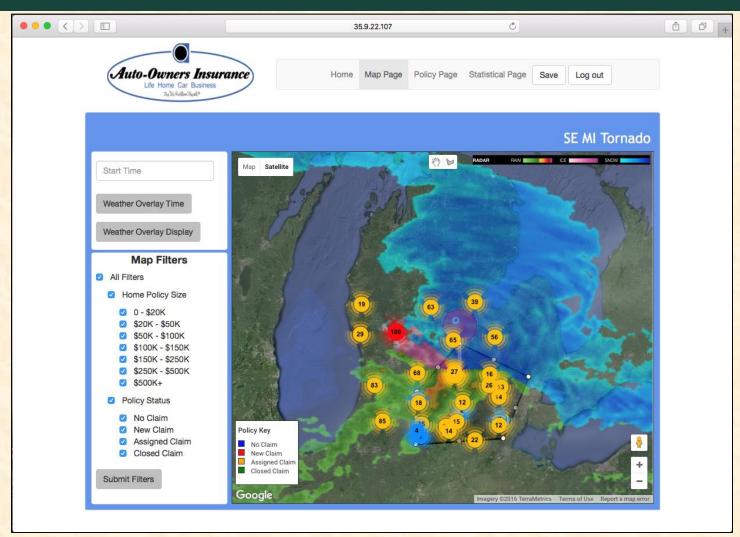
System Architecture

Web Application
HTML5 / PHP5
Bootstrap CSS
Google Maps API
jQuery / Ajax

Mobile Application
iOS
Swift
SQLite

JSON is passed between
the server and the clients

Server Architecture

Using PDO

Ubuntu 14.04
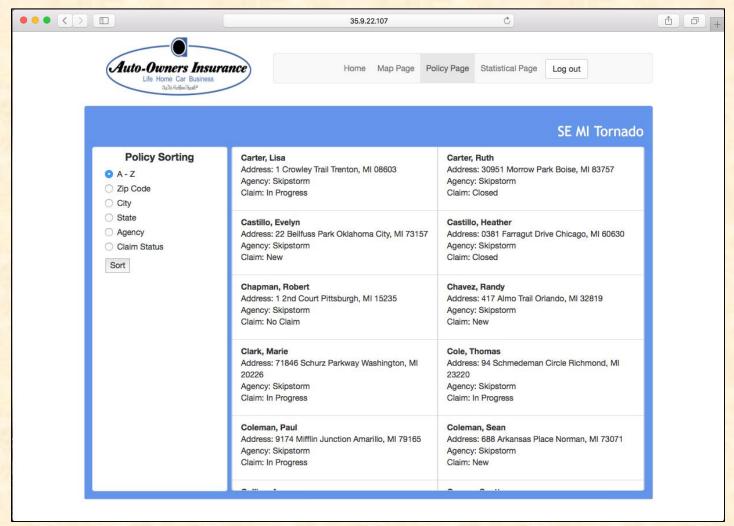Apache 2.4.7
PHP 5.5.9

MySQL 5.5.47

Home page

Map Page
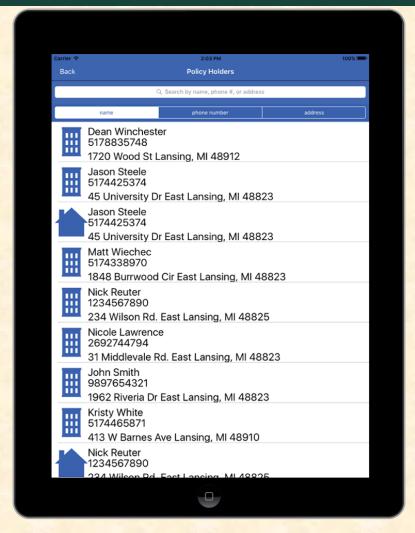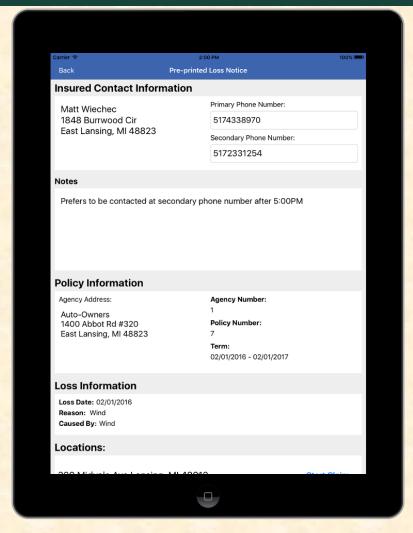
Policy Page

Statistical Page
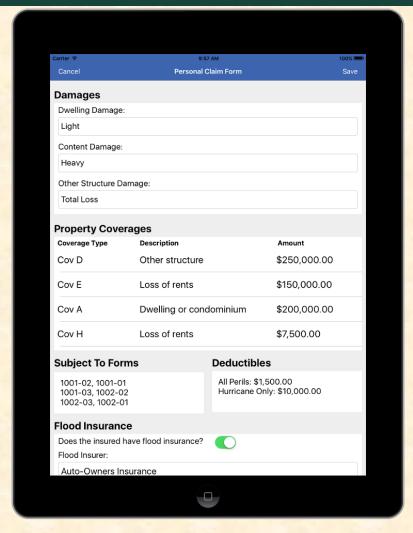
Disasters On Device

Policyholders in Disaster

Preprinted Loss Notice

Personal Claim Form

What's left to do?

- Web application
  - Unit testing
  - Polishing the appearance of the web app
- Mobile application
  - Unit testing