

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation
Mobile Audit Itinerary
The Capstone Experience

Team Auto-Owners

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Michigan State University

Spring 2014



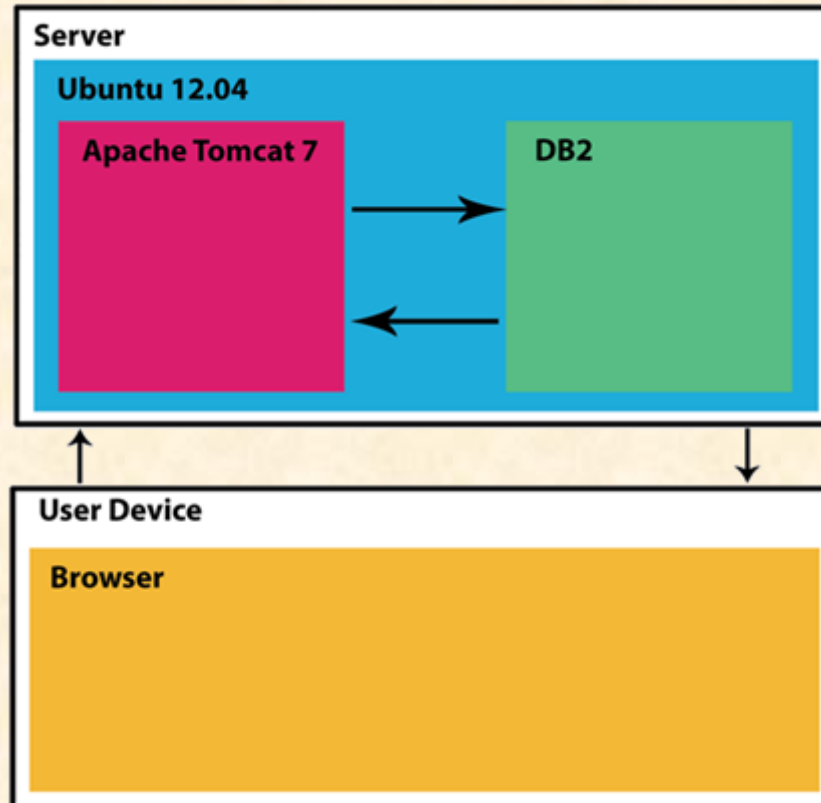
*From Students...
...to Professionals*

Project Overview

- Underwriting Field Service Representatives
- Updates Policy Information via Excel Sheets
- Unable to Update Policies Real-time

- Our Solution: Mobile Audit Itinerary Software

System Architecture



Online Page Layout

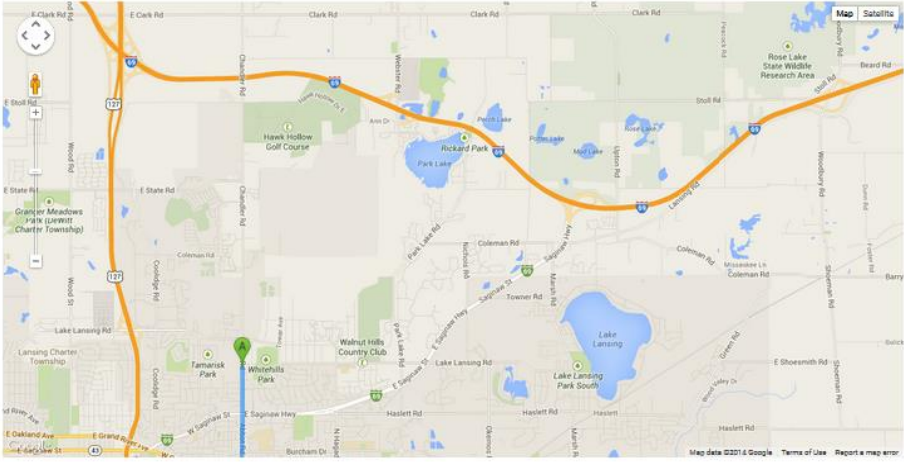
Firefox | Auto-Owners Audit Itinerary | +

Home | Import Data | Export Data | Generate Report | User: Default

Itinerary

- Go Go Toys
- Jiffy Clean
- So and So LCC
- Sponge Co.
- Izzo Name Drops

Itinerary Directions



Total Distance: 10.430954876999999 mi

1850 Abbot Road, East Lansing, MI 48823, USA

2.0 mi - about 6 mins

1. Head south on Abbot Rd toward Rampart Way 1.4 mi
2. Turn left onto E Grand River Ave 0.6 mi
3. Turn right onto Bogue St 52 ft

Michigan State University, 220 Trowbridge Rd, East Lansing, Michigan 48824, United States

8.4 mi - about 13 mins

1. Head south on Bogue St 0.4 mi
2. Turn right onto N Shaw Ln 0.9 mi
3. Turn left onto Farm Ln 0.9 mi
4. Turn right onto Trowbridge Rd 0.8 mi
5. Turn left to stay on Trowbridge Rd 1.1 mi
6. Merge onto I-496 W via the ramp to Downtown/Lansing 4.0 mi
7. Take exit 3 for Waverly Rd 0.4 mi
8. Turn right onto S Waverly Rd 0.7 mi
9. Take the 3rd right onto W Michigan Ave 404 ft

Destination will be on the right

8721 West Michigan Avenue, Lansing, MI 48917, USA

Map data ©2014 Google

Policy Holder Information

Name:

Address:

Directions:

Payroll Information

No payroll information available.

Sales Information

No sales information available.



Itinerary & Google Map

Firefox | Auto-Owners Audit Itinerary | +

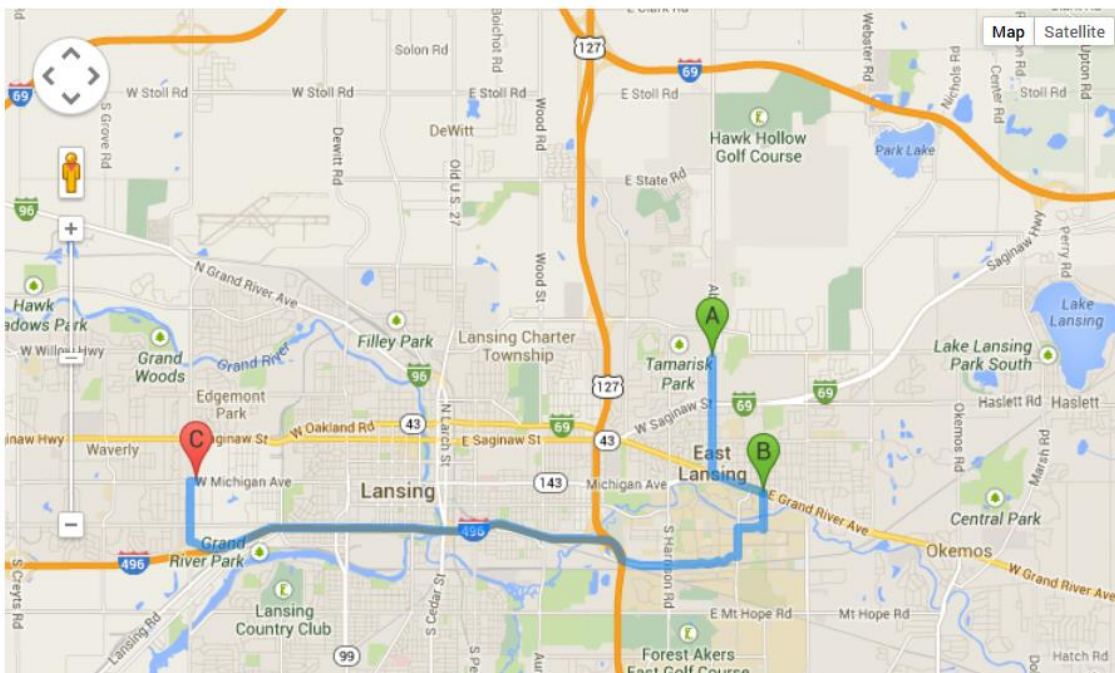
User: Default

Home | Import Data | Export Data | Generate Report

Itinerary

- Go Go Toys
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- Sponge Co.
- Izzo Name Drops

Itinerary Directions



Driving Directions

Firefox | Auto-Owners Audit Itinerary

Total Distance: 10.430954976999999 mi

A 1850 Abbot Road, East Lansing, MI 48823, USA

2.0 mi - about 6 mins

1. Head **south** on **Abbot Rd** toward **Rampart Way** 1.4 mi
- ↩ 2. Turn **left** onto **E Grand River Ave** 0.6 mi
- ↷ 3. Turn **right** onto **Bogue St** 52 ft

B Michigan State University, 220 Trowbridge Rd, East Lansing, Michigan 48824, United States

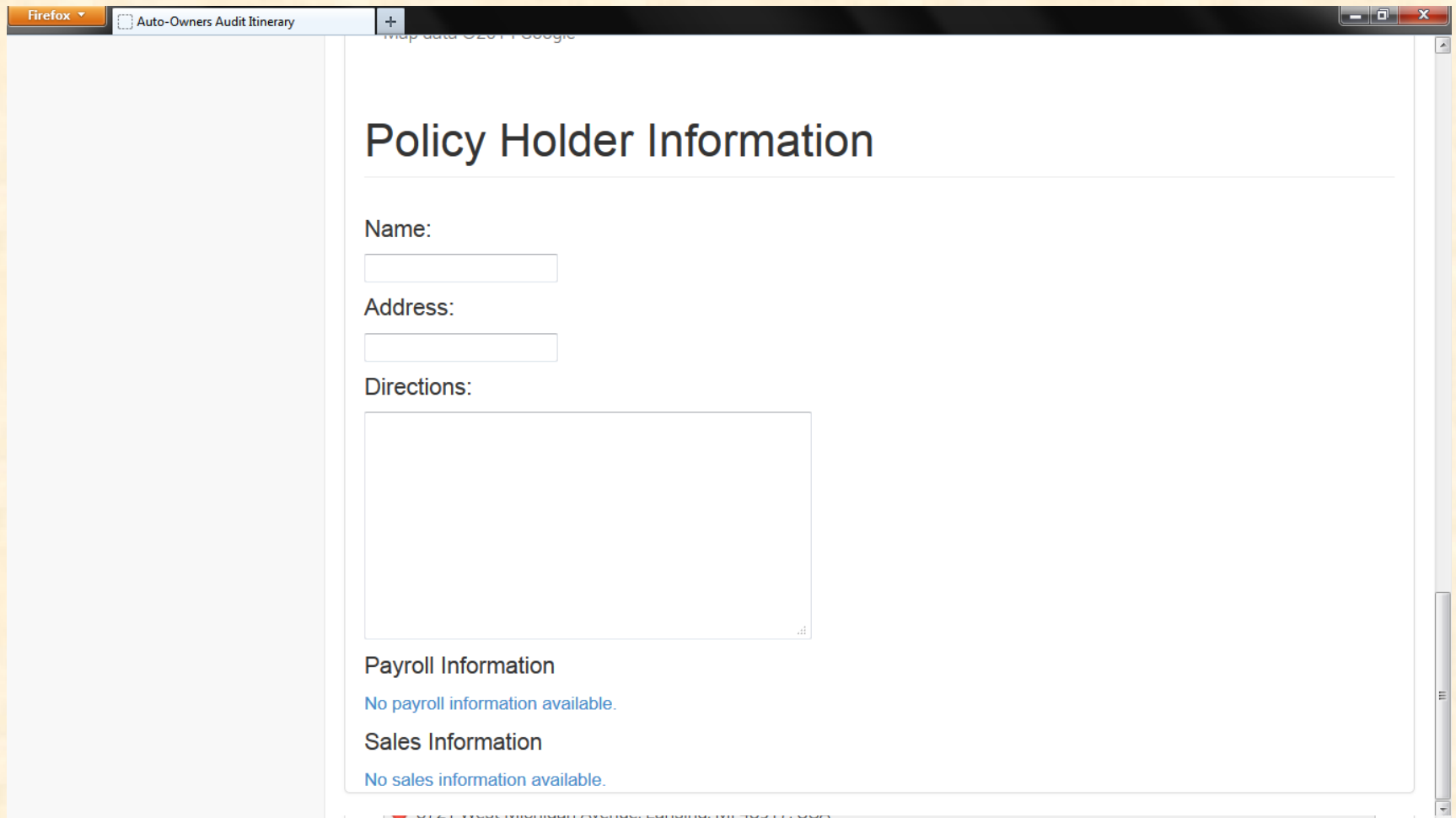
8.4 mi - about 13 mins

1. Head **south** on **Bogue St** 0.4 mi
- ↷ 2. Turn **right** onto **N Shaw Ln** 0.3 mi
- ↩ 3. Turn **left** onto **Farm Ln** 0.3 mi
- ↷ 4. Turn **right** onto **Trowbridge Rd** 0.3 mi
- ↩ 5. Turn **left** to stay on **Trowbridge Rd** 1.1 mi
6. Merge onto **I-496 W** via the ramp to **Downtown/Lansing** 4.9 mi
- ↷ 7. Take exit **3** for **Waverly Rd** 0.4 mi
- ↷ 8. Turn **right** onto **S Waverly Rd** 0.7 mi
9. Take the 3rd **right** onto **W Michigan Ave** 404 ft
Destination will be on the right

C 3721 West Michigan Avenue, Lansing, MI 48917, USA



Policyholder Information



The screenshot shows a web browser window with the title "Auto-Owners Audit Itinerary". The main content area displays a form titled "Policy Holder Information". The form includes three input fields: "Name:", "Address:", and "Directions:". Below these fields are sections for "Payroll Information" and "Sales Information", both of which indicate that no information is available.

Firefox

Auto-Owners Audit Itinerary

Map data ©2017 Google

Policy Holder Information

Name:

Address:

Directions:

Payroll Information
No payroll information available.

Sales Information
No sales information available.



Reorder Itinerary

Firefox | Auto-Owners Audit Itinerary | +

Home | Import Data | Export Data | Generate Report

User: Default

Itinerary

- Jiffy Clean
- Sponge Co.
- So and So LCC
- Go Go Toys
- Izzo Name Drops

Itinerary Directions

Total Distance: 10.430954976999999 mi

A 1850 Abbot Road, East Lansing, MI 48823, USA

2.0 mi - about 6 mins

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2. Turn left onto E Grand River Ave 0.6 mi
3. Turn right onto Bogue St 52 ft

B Michigan State University, 220 Trowbridge Rd, East Lansing, Michigan 48824, United States

8.4 mi - about 13 mins

1. Head south on Bogue St 0.4 mi
2. Turn right onto N Shaw Ln 0.3 mi
3. Turn left onto Farm Ln 0.3 mi
4. Turn right onto Trowbridge Rd 0.3 mi
5. Turn left to stay on Trowbridge Rd 1.1 mi
6. Merge onto I-496 W via the ramp to Downtown/Lansing 4.9 mi
7. Take exit 3 for Waverly Rd 0.4 mi
8. Turn right onto S Waverly Rd 0.7 mi
9. Take the 3rd right onto W Michigan 404 ft

35.9.22.108:8080/sb-admin-v2/test-online-u2d.html#



Offline Page

Firefox | Auto-Owners Audit Itinerary | +

Home | Import Data | Export Data | **Generate Report**

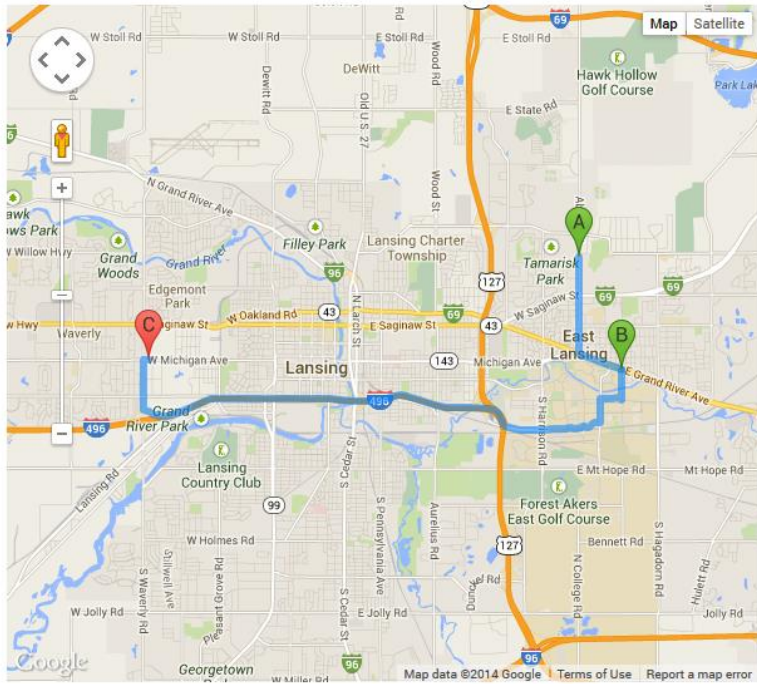
No Internet Connection | User: Default

Itinerary

So and So LCC
Go Go Toys
Jiffy Clean
Sponge Co.
Izzo Name Drops

(Map will not update offline)

Itinerary Directions



Total Distance: 10.430954976999999 mi

A 1850 Abbot Road, East Lansing, MI 48823, USA

2.0 mi - about 6 mins

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9. Take the 3rd right onto W Michigan Ave 404 ft
Destination will be on the right



Sample Import XML

Firefox | Read Xml Data

User ID	First Name	Last Name	Username	Password
1	Jacob	Burger	1234	BurgeR
2	Garrett	Stevenson	5678	steVONSON
3	Ladi	Oyeleye	9101	PassWord

Pulled From:

```
<?xml version="1.0" encoding="utf-8"?>
<users>
  <user>
    <uid>1</uid>
    <FName>Jacob</FName>
    <lName>Burger</lName>
    <username>1234</username>
    <password>BurgeR</password> <!-- Would be Encrypted -->
  </user>
  <user>
    <uid>2</uid>
    <FName>Garrett</FName>
    <lName>Stevenson</lName>
    <username>5678</username>
    <password>steVONSON</password> <!-- Would be Encrypted -->
  </user>
  <user>
    <uid>3</uid>
    <FName>Ladi</FName>
    <lName>Oyeleye</lName>
    <username>9101</username>
    <password>PassWord</password> <!-- Would be Encrypted -->
  </user>
</users>
```



Sample Export XML

Firefox | http://35.9.22.108:8...-v2/docs/dinesh.xml

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
-<questionset>
  <question>Value</question>
</questionset>
```



What's left to do?

- Switching to MySQL
 - Updating backend
- Security concerns
- Responsiveness in Mobile View