

MICHIGAN STATE
UNIVERSITY

Beta Presentation

Dealership Consultant Mobile App

[The Capstone Experience](#)

Team Urban Science

Joe Greer

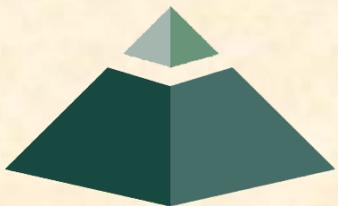
Austin Hendry

Yevgenny Khessin

Department of Computer Science and Engineering

Michigan State University

Spring 2013



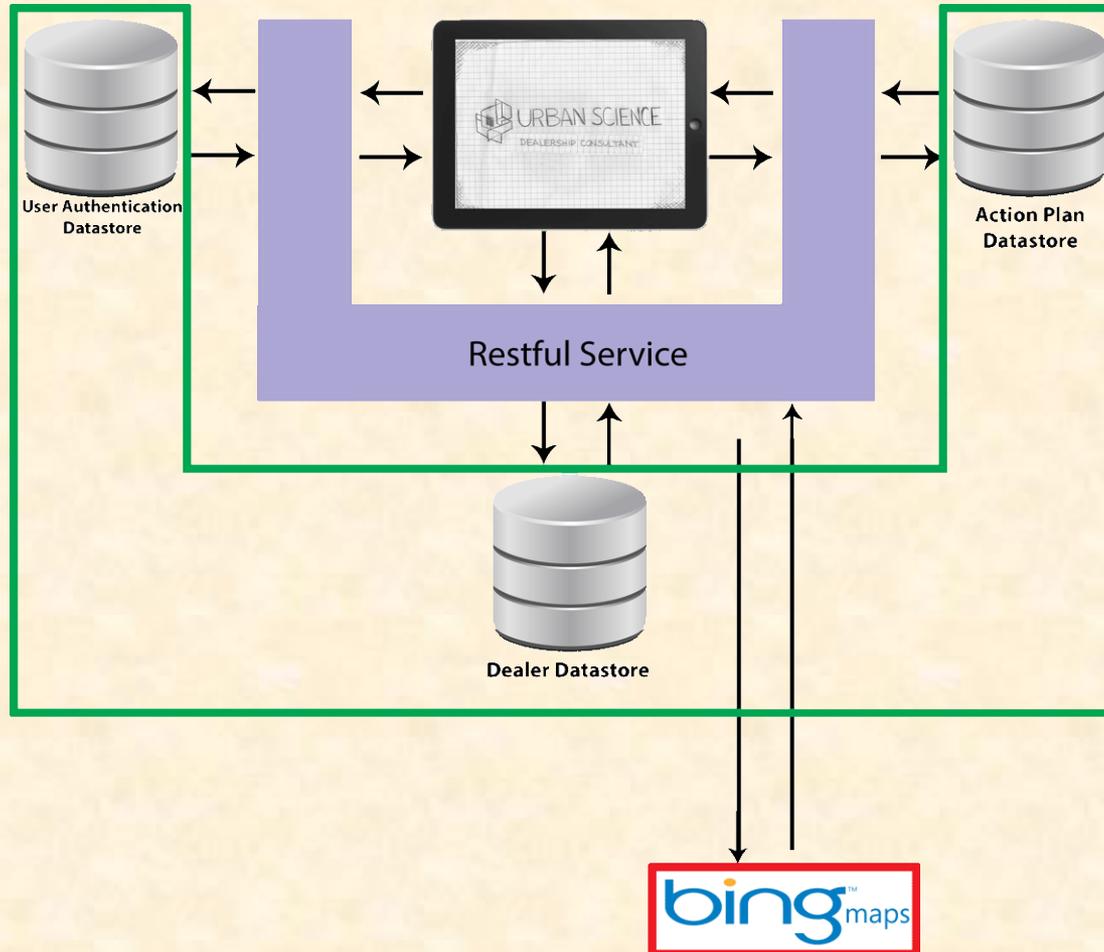
*From Students...
...to Professionals*

Project Overview

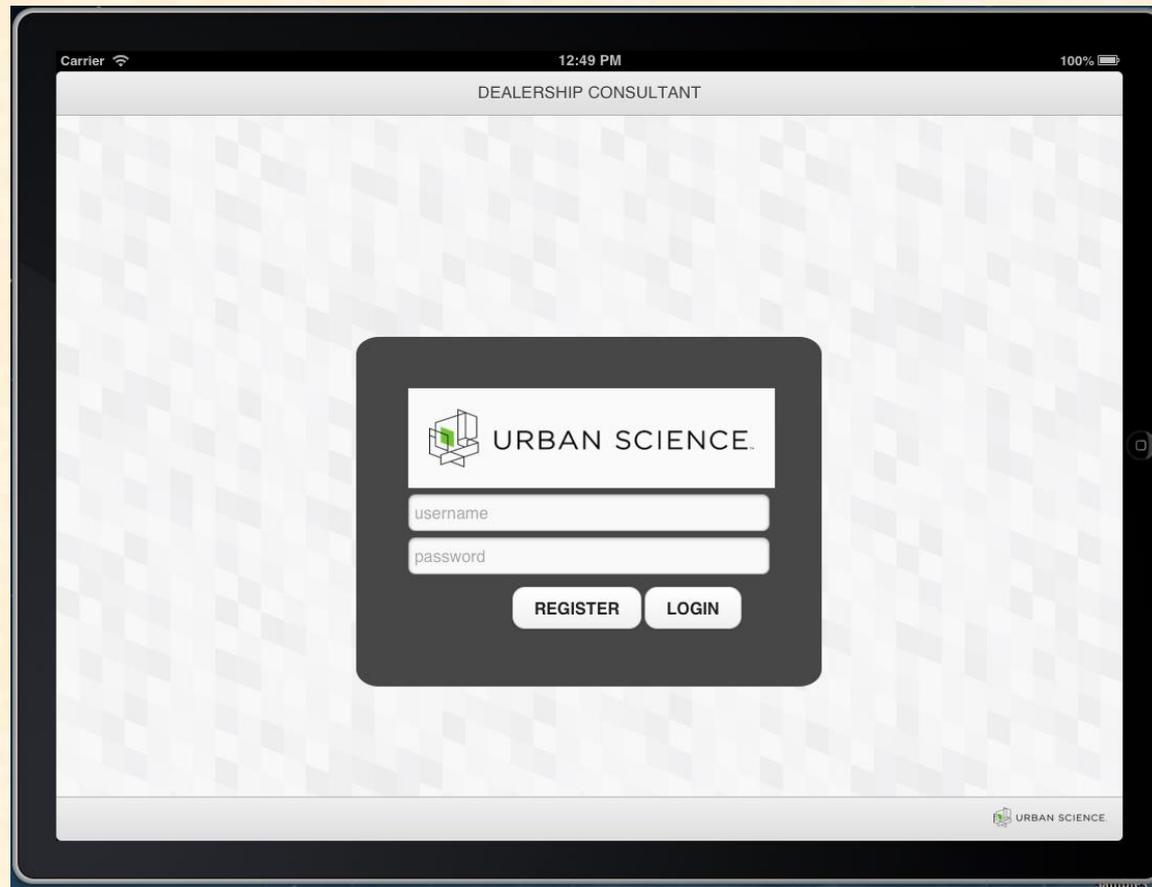
- Helps consultants prepare for and manage dealer visits.
- Provides mobile access to dealer key performance indicators (KPIs).
- Allows consultants to track dealer visits using an iPad.
- Displays information in visually appealing graphs and charts.



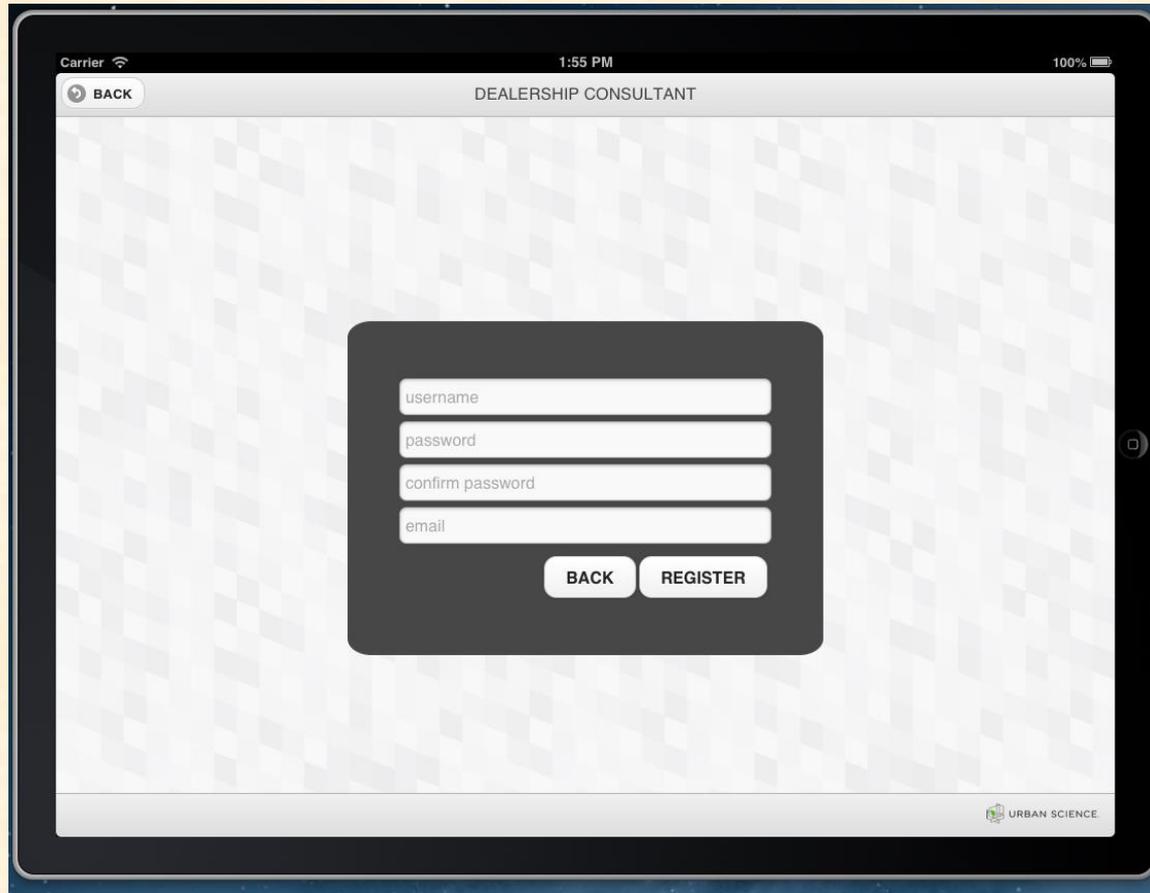
System Architecture



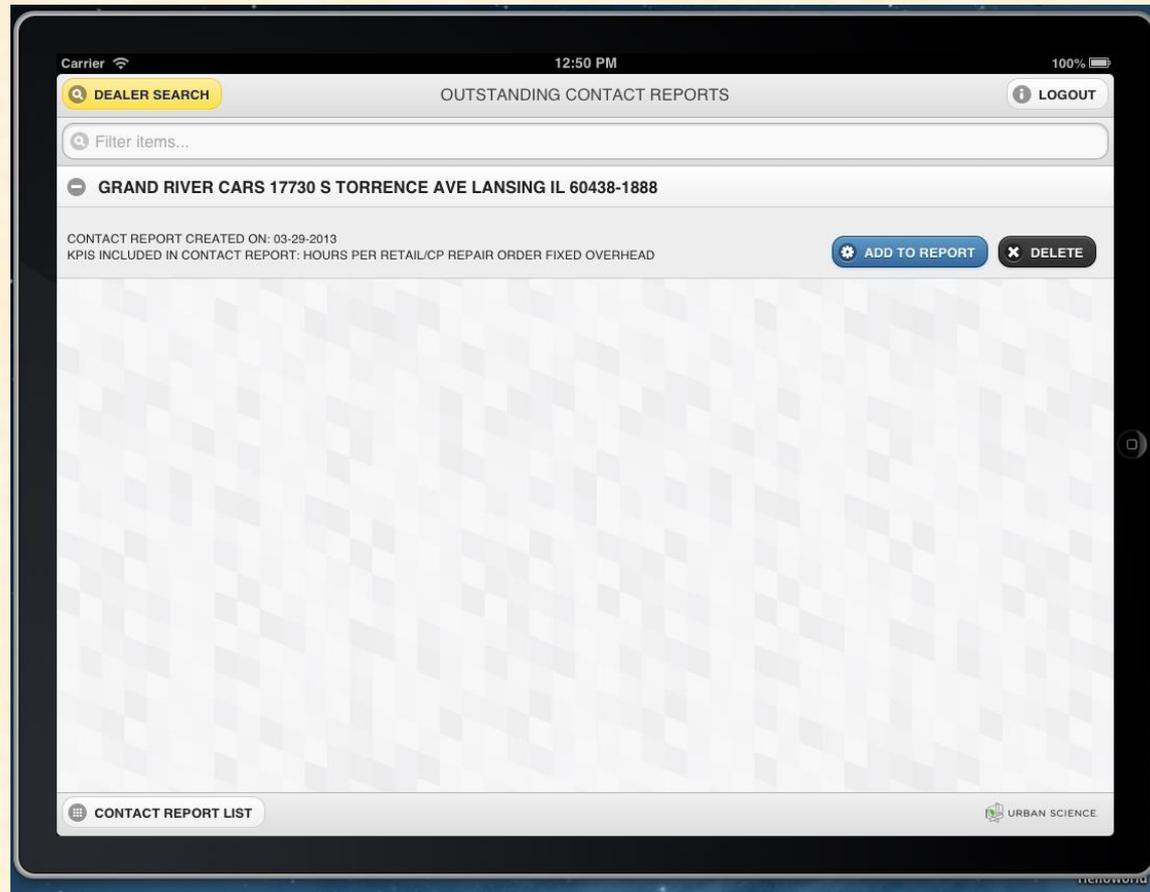
Login Page



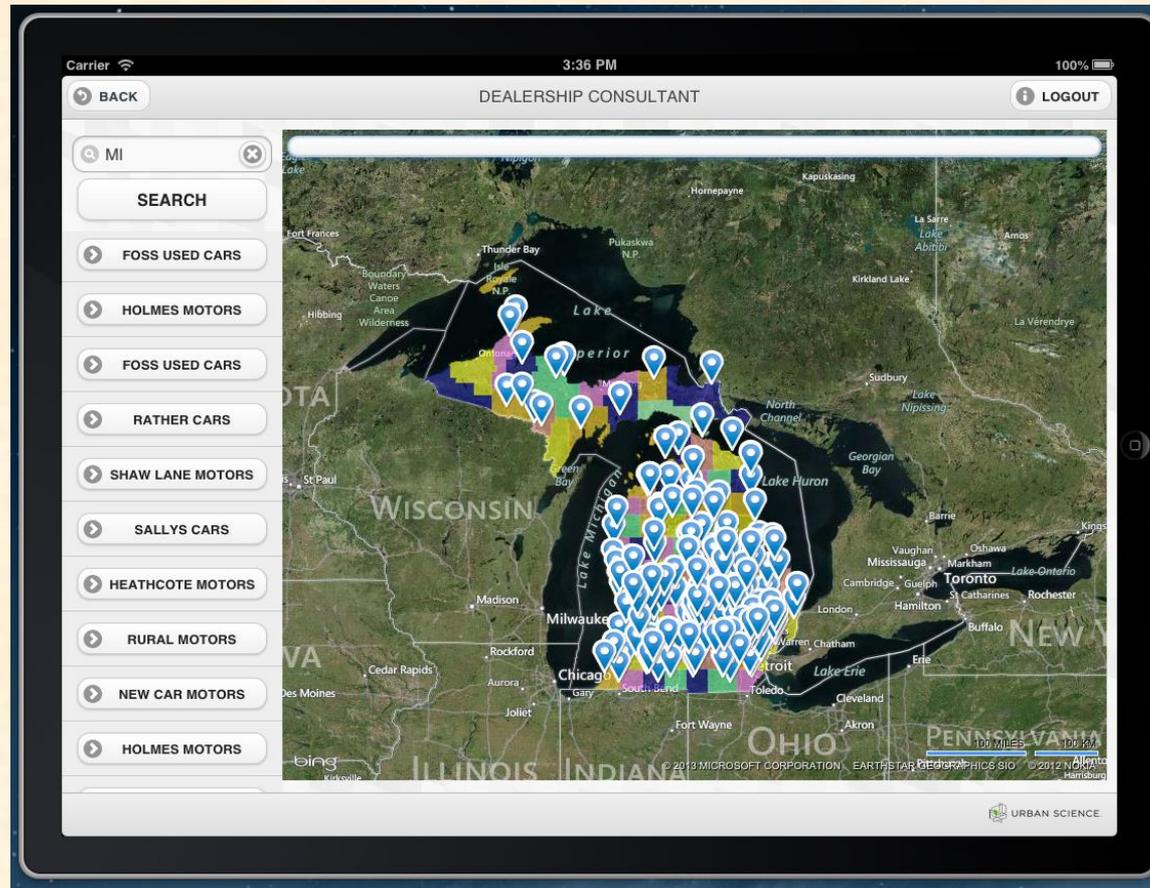
Registration Page



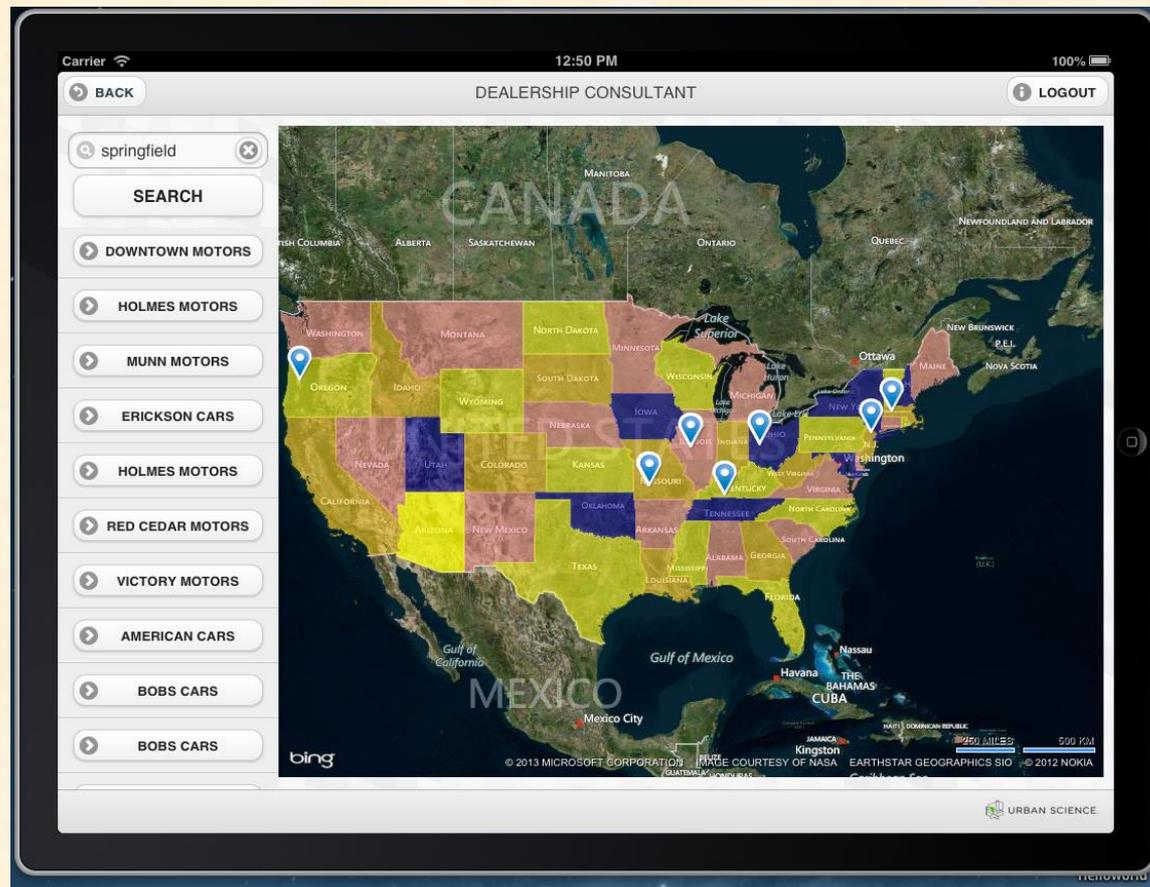
Outstanding Contact Report Page



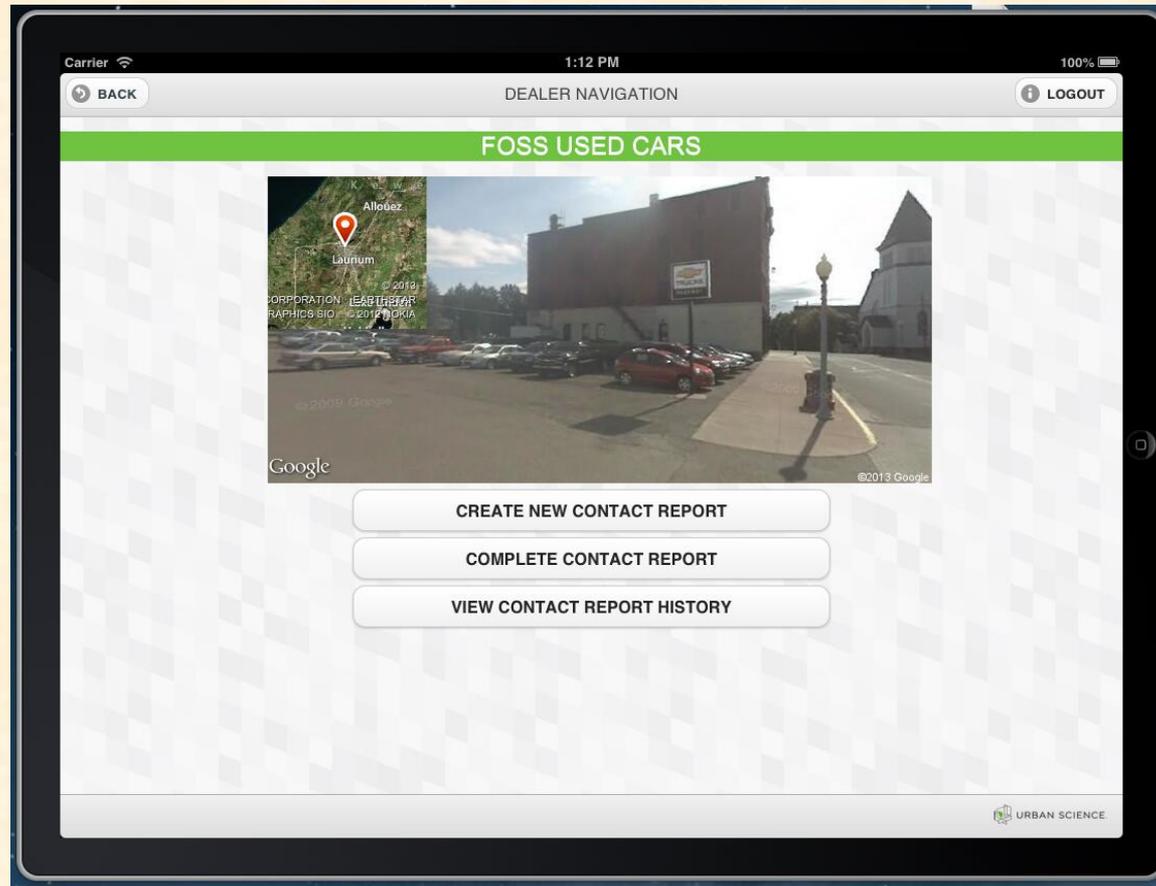
Search/Map Page (County Polygon)



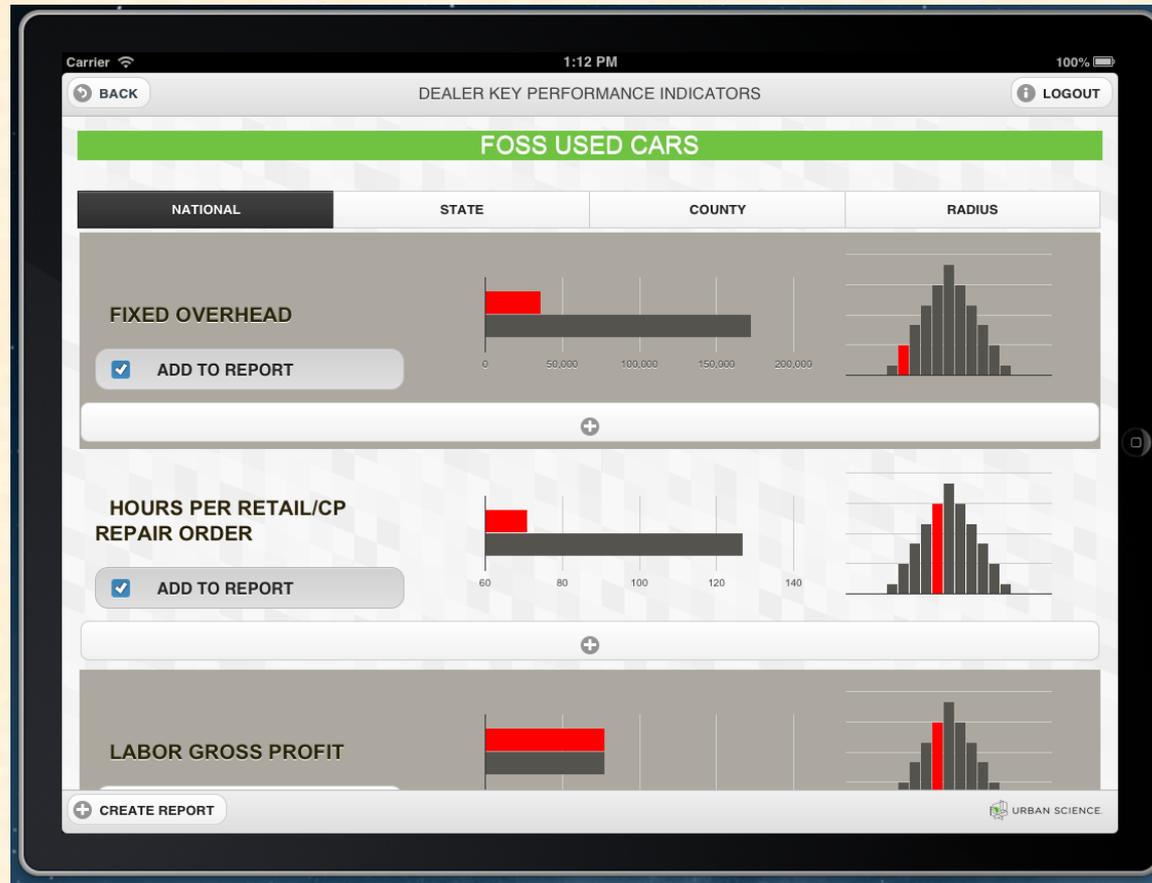
Search/Map Page (State Polygon)



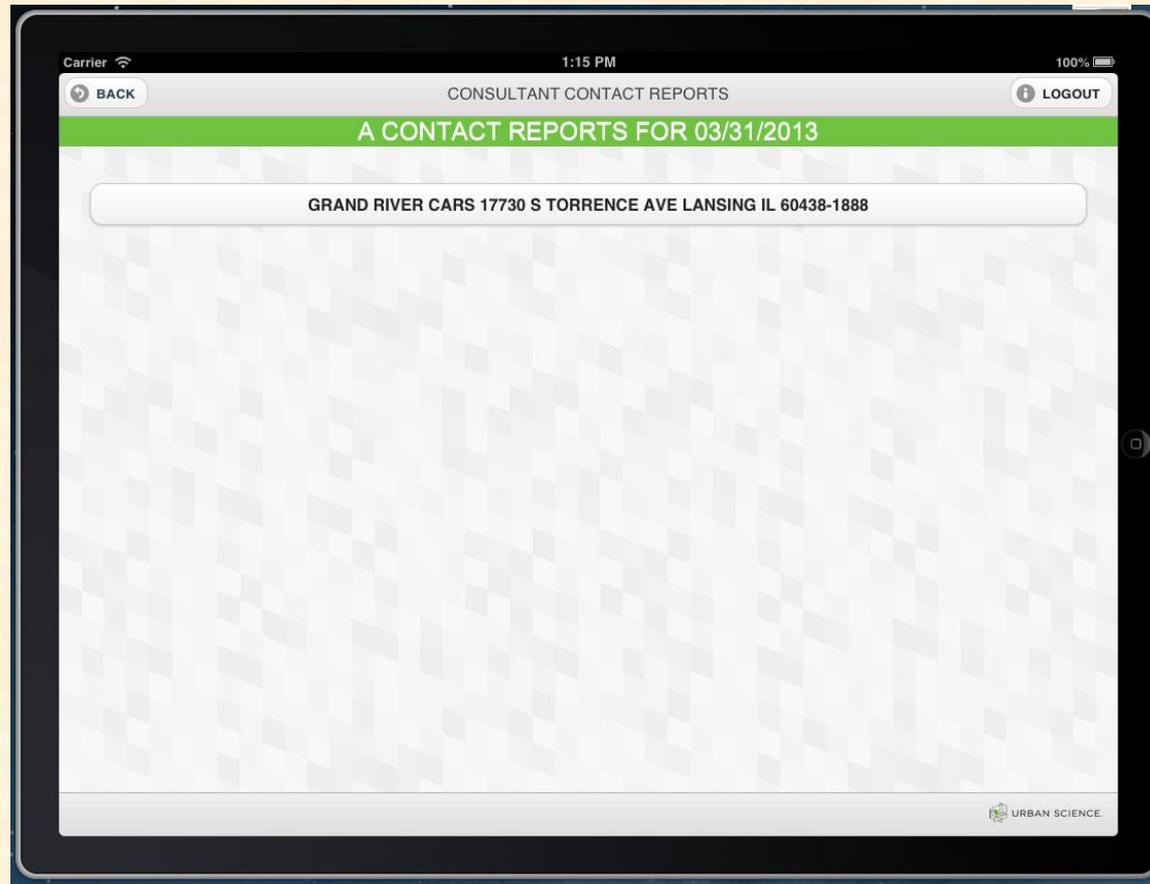
Dealer Navigation Page



Dealer KPI Page



Contact Report List Page



Contact Report Page

| COMPLETED | KPI | VALUE | AVERAGE | RANK | PERCENTILE |
|----------------------|----------------------------------|-------|------------|--------|------------|
| COMPLETED | HOURS PER RETAIL/CP REPAIR ORDER | 0.716 | 1.276 | 2676TH | 34TH |
| NOT COMPLETED | FIXED OVERHEAD | 36243 | 172505.359 | 3863TH | 5TH |

UNDEFINED

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Action Plan Page

Carrier 1:23 PM 100%

BACK ACTION PLAN LOGOUT

HOURS PER RETAIL/CP REPAIR ORDER

CURRENT VALUE: 0.716 AVERAGE VALUE: 1.276

AGREE TO: ... BY: mm/dd/yyyy

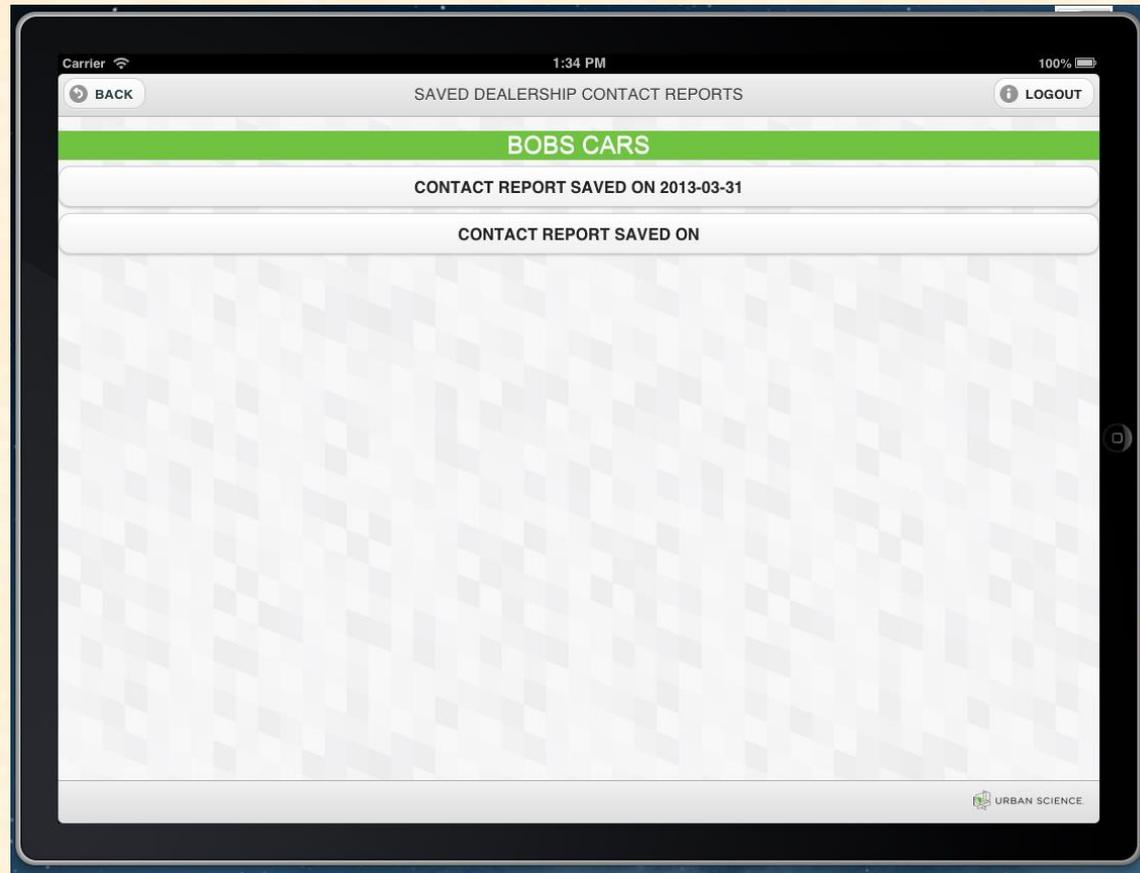
DISAGREE

COMMENTS: ...

DONE

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Contact Report History Page



Action Plan History Page

Carrier 1:36 PM 100%

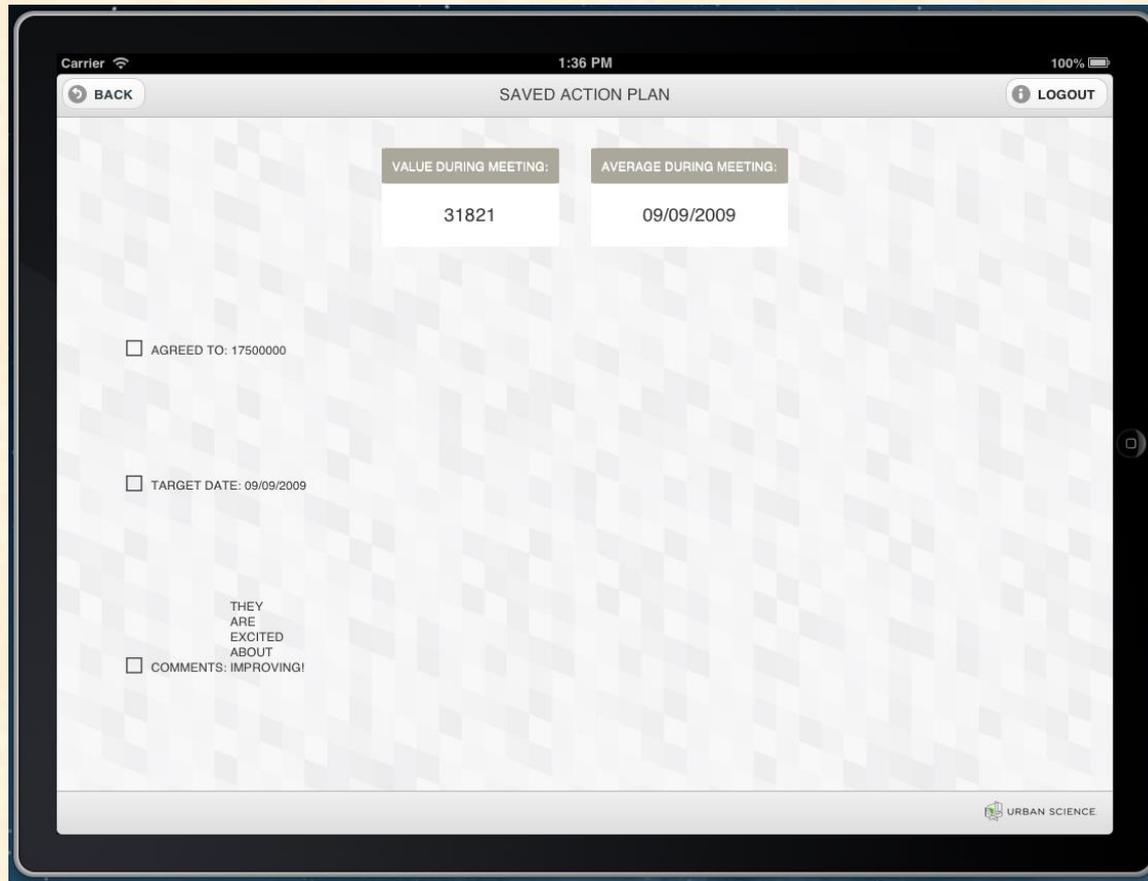
BACK CONTACT REPORT KPI HISTORY LOGOUT

BOBS CARS

| KPI NAME | MEETING DATE | ORIGINAL VALUE | TARGET VALUE | TARGET DATE | COMMENTS |
|----------------|--------------|----------------|--------------|-------------|-----------------------------------|
| Fixed Overhead | 03/31/2013 | 31821 | 1750000 | 09/09/2009 | THEY ARE EXCITED ABOUT IMPROVING! |

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Saved Action Plan Page



What's left to do?

- Improve user interface
- Optimize
- Add analytics
- Add radius feature

