MICHIGAN STATE

U N I V E R S I T Y

Beta Presentation

Mobile Geography Management

The Capstone Experience

Team Urban Science

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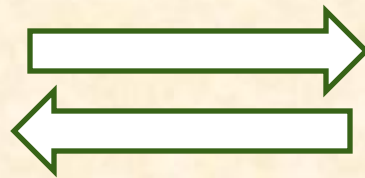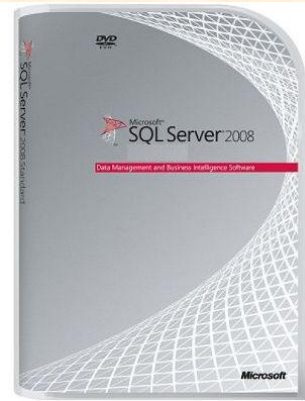Michigan State University

Fall 2012

From Students…
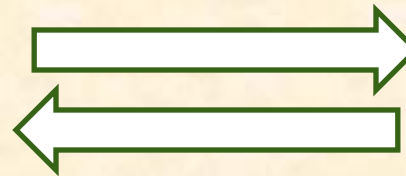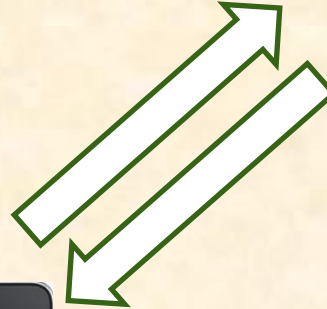   *…to Professionals*

Project Overview

- Create a geography management tool for efficient data analysis and manipulation

- Must contain a hierarchy:
  - Census Tracts
  - Primary Market Areas (PMAs)
  - Markets
  - Regions

- Easy interaction on an iPad

System Architecture

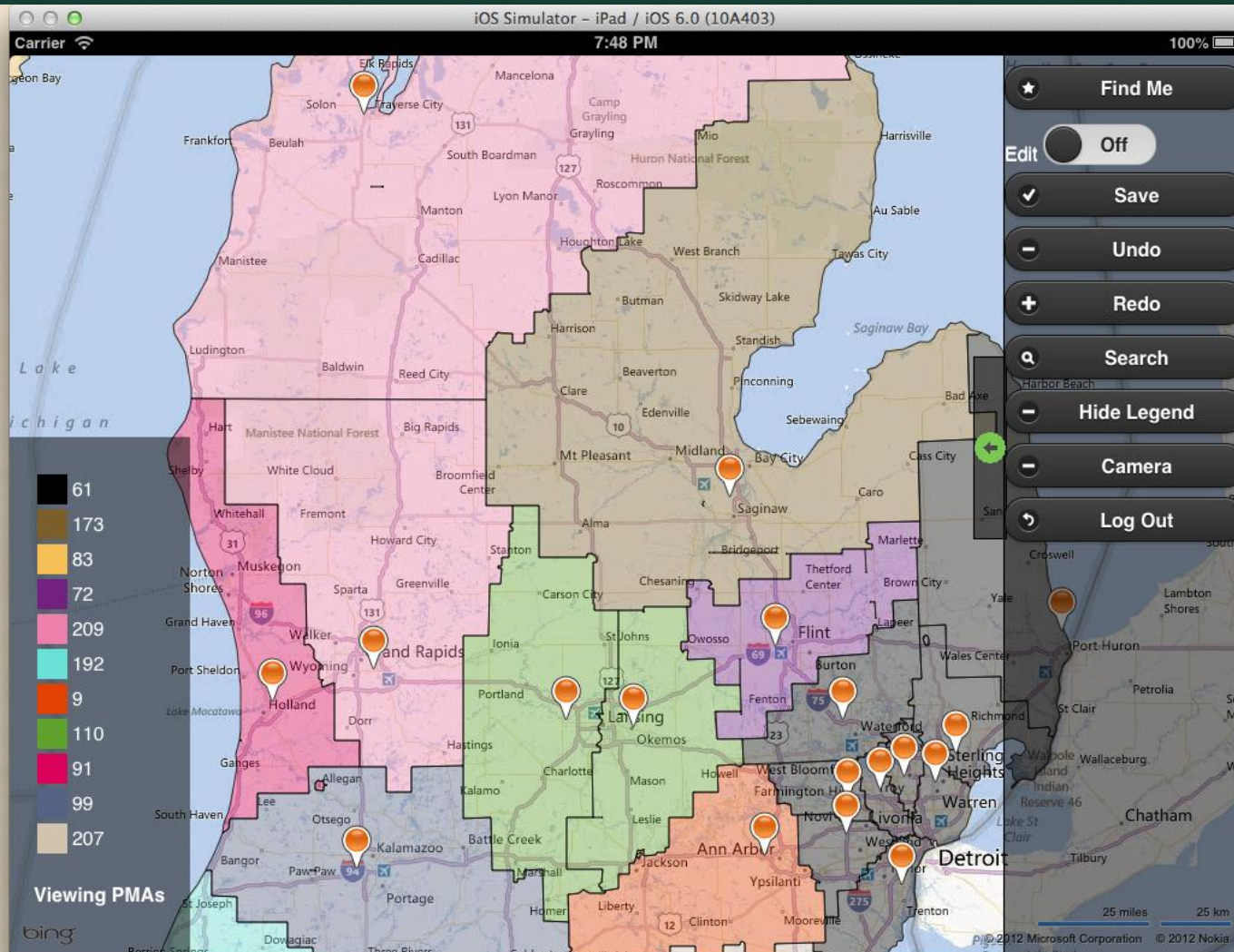RESTful Web Service

Login Screen

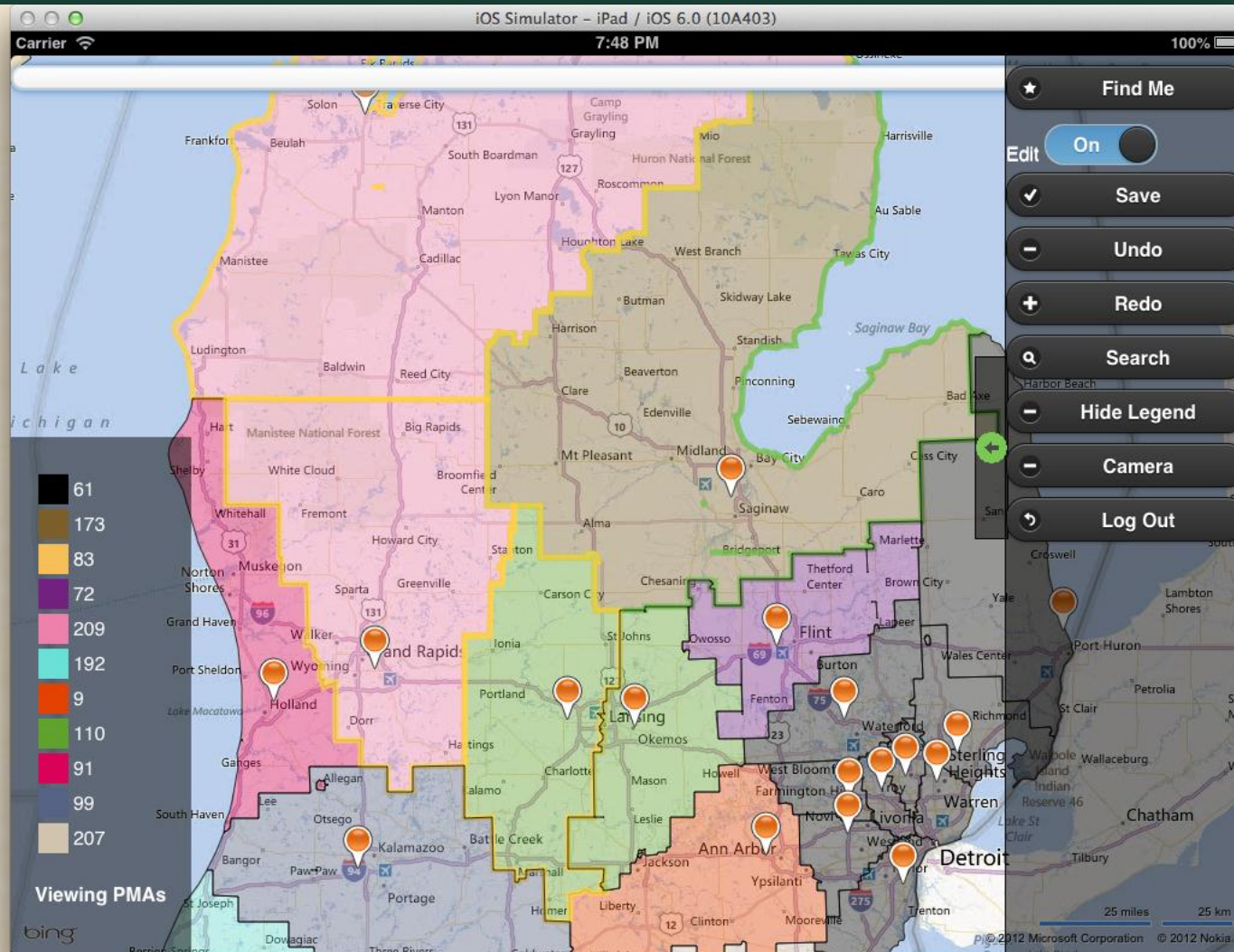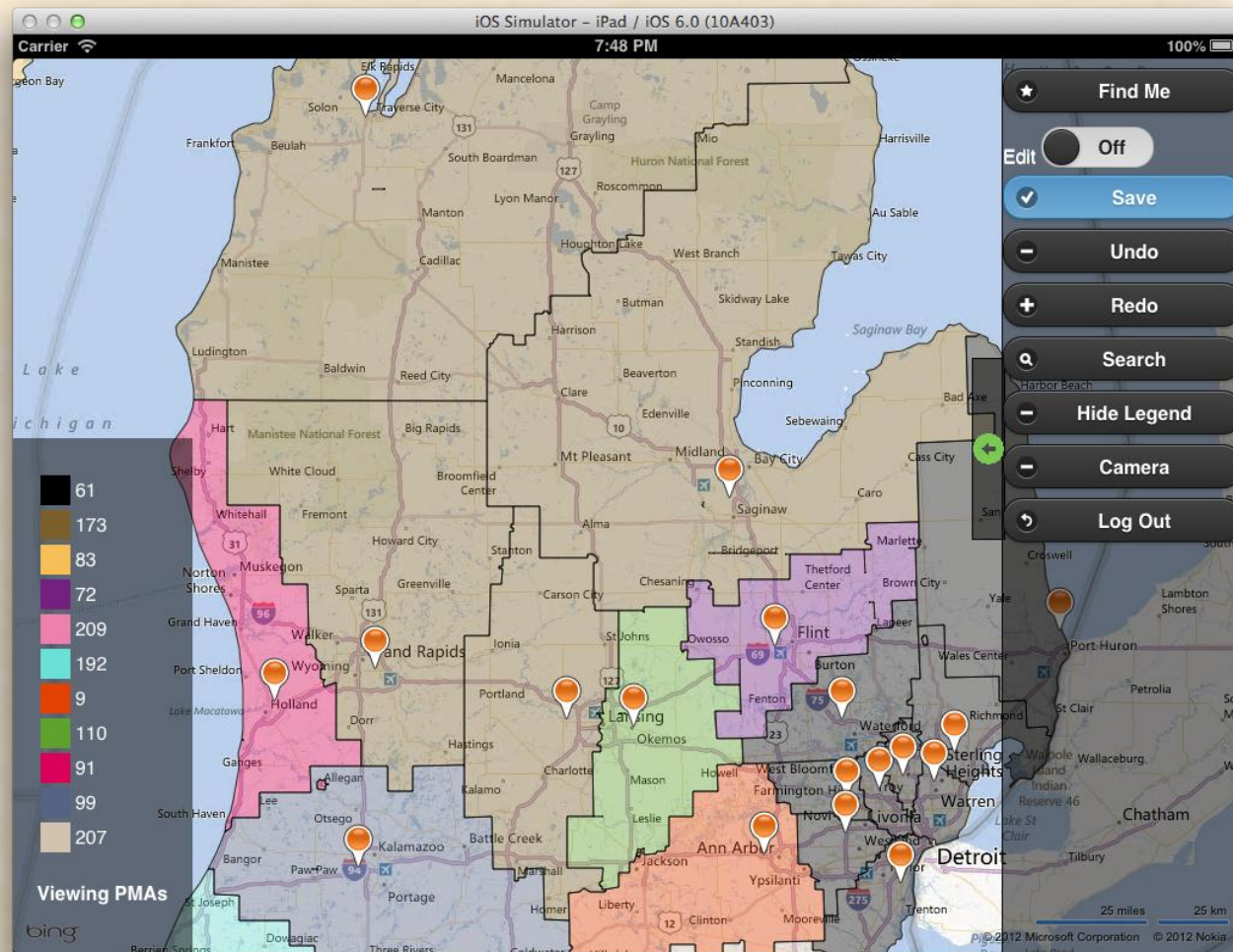# Register a New User

PMAs of Michigan
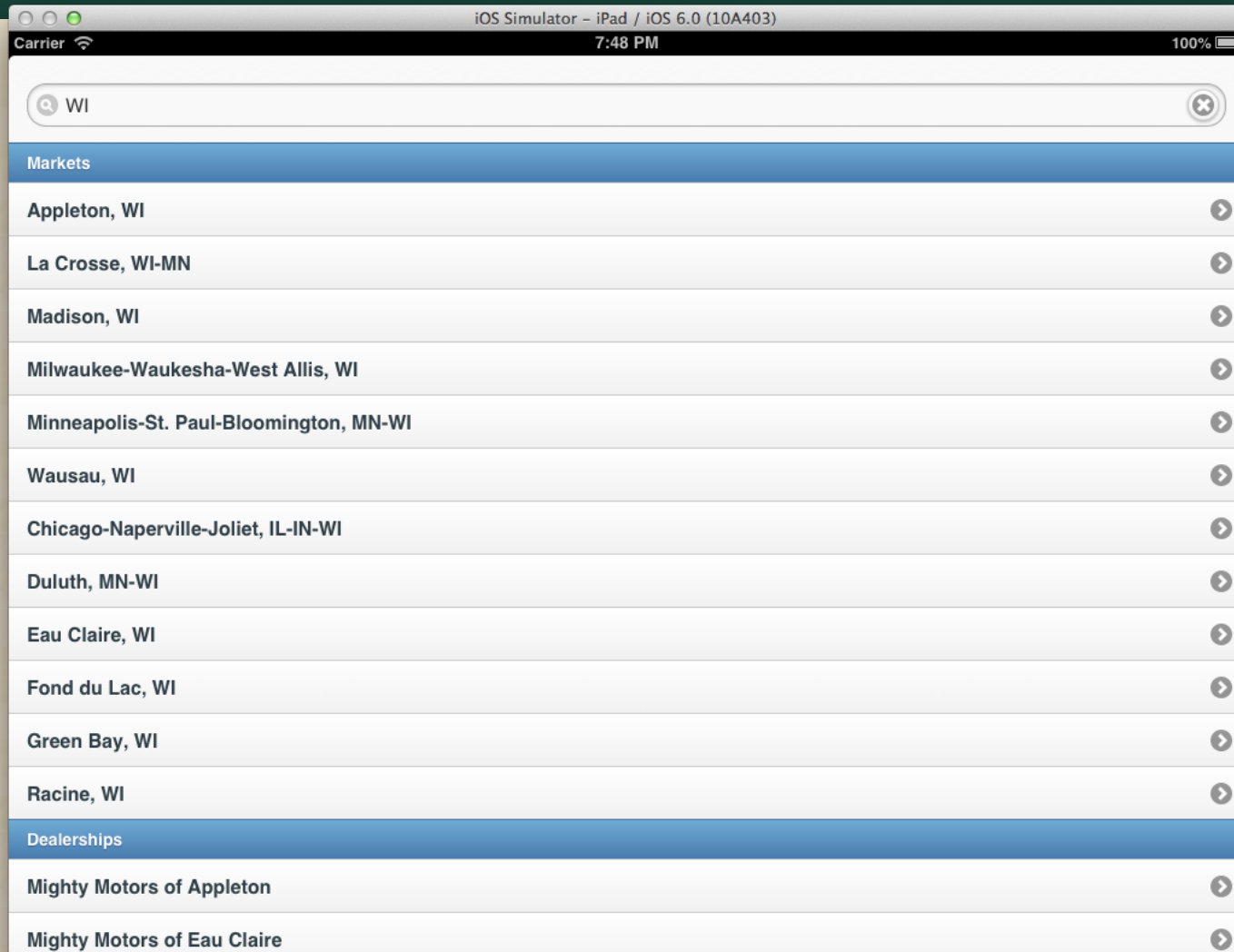
Sidebar

Editing Polygons

Editing Polygons

Search

What's left to do?

- Optimize Caching
- Stretch Goals
  - Pictures
  - Adding Dealerships
- Improve Visual Design
  - Buttons, Legend, Icon and Splash Screen