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

Alpha Presentation
Parking Allocation and Expense Reconciliation

The Capstone Experience

Team Quicken Loans

Chelsea Bridson
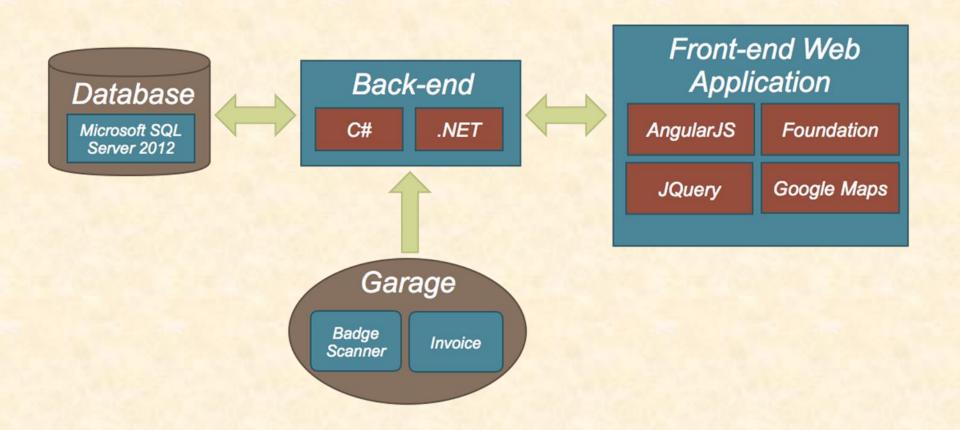Elizabeth Florian
Tim Hasselbeck
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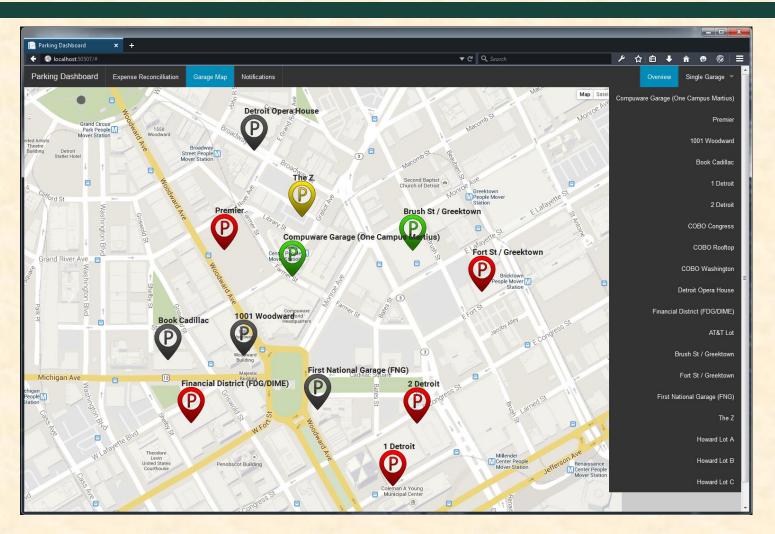
Spring 2015

From Students…
…to Professionals

Project Overview

- Quicken Loans leases a large number of parking spaces in Detroit.

- They are routinely overbilled.

- Expenses are currently reconciled manually for each garage.

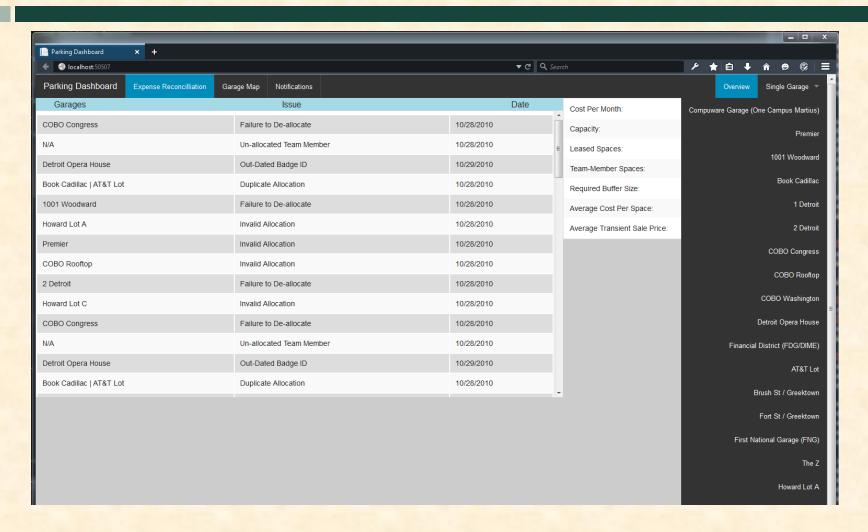- We are developing an application to automate this reconciliation process.
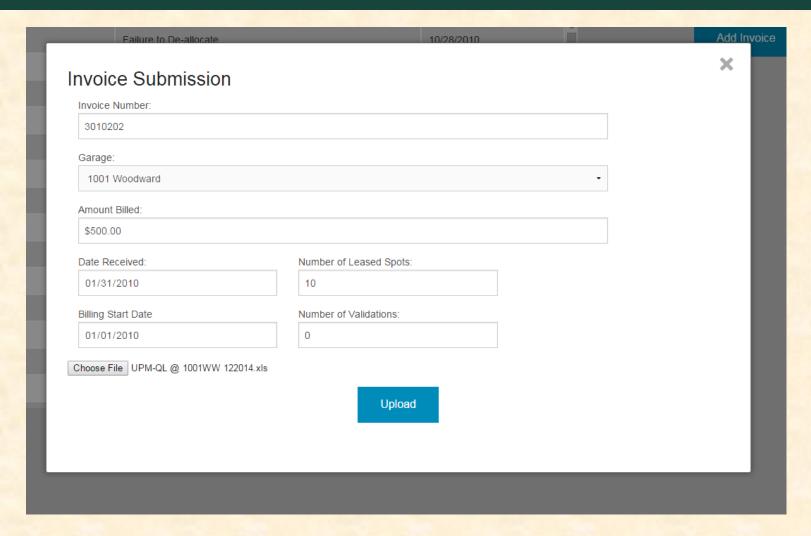
System Architecture

Garage Map

Expense Reconciliation

Invoice Upload

What's left to do?

- Expand expense reconciliation to handle additional points of contention.

- Provide a history of ingested documents and expense reconciliation actions.

- Utilize data visualization to display expense information in a useful way.

- Add monthly team member usage data to Garage Map section.

- Improve UI