

MICHIGAN STATE
UNIVERSITY

Beta Presentation

Survey and Voting Web Application

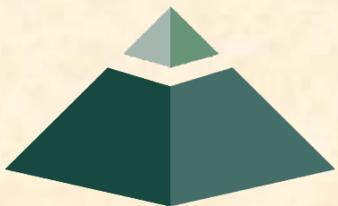
[The Capstone Experience](#)

Team Quicken Loans

Kaitlin Davis
Clifton Howard
Jake Nyenhuis
Michael Meldrum

Department of Computer Science and Engineering
Michigan State University

Fall 2013



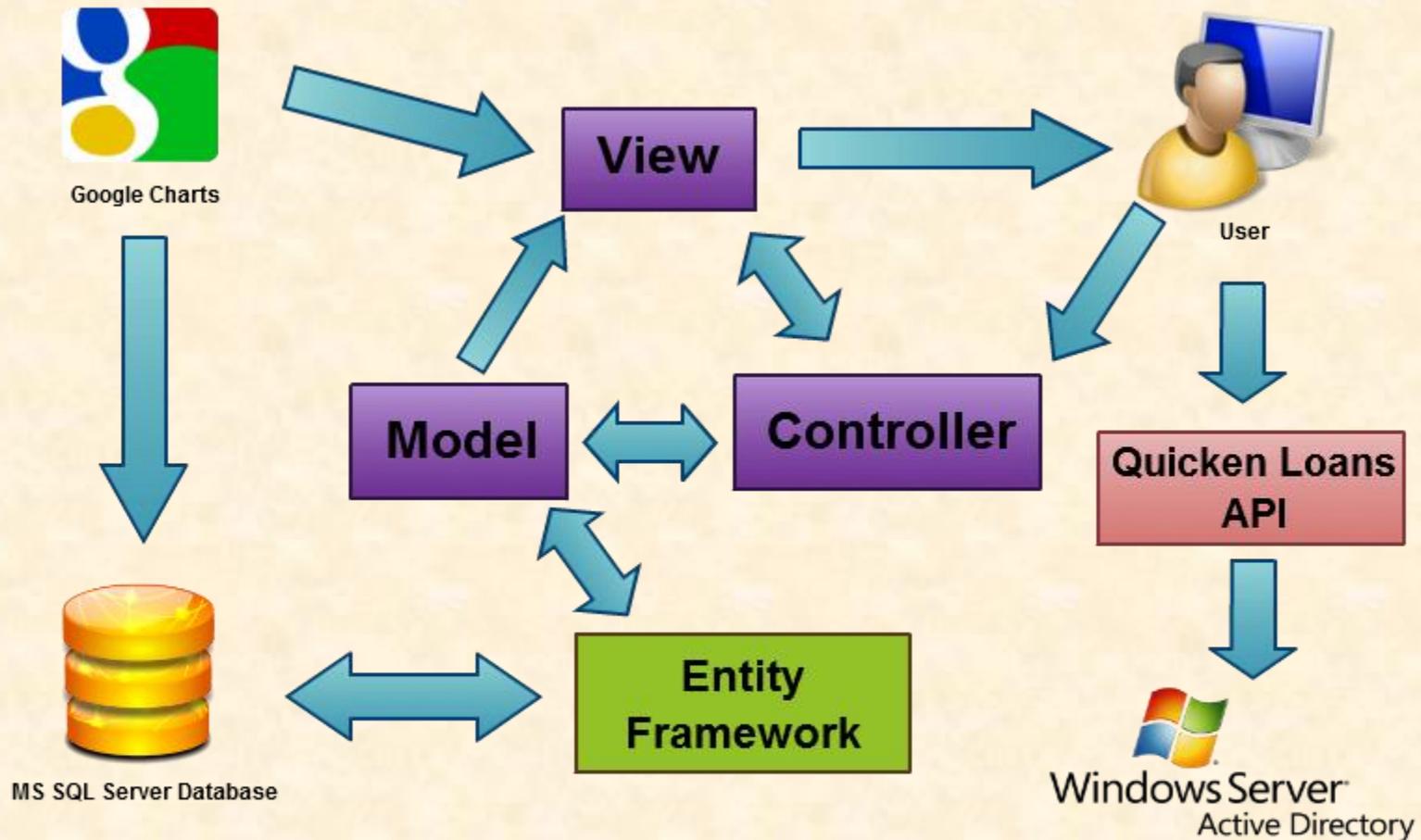
*From Students...
...to Professionals*

Project Overview

- Distinction between Survey and Vote
- Provide readable graphical data
- Geo-Fencing capabilities
- Responsive



System Architecture



Home Screen

In Progress

End of the Year Survey

Completed

Team Lunch Location (12/06)

Unpublished

QL Mobile Data Usage
Quicken Employee Questionnaire
Weekly Fun Survey

Published

What is your favorite office
Team Lunch Location (12/06)



Create Survey

Weekly Fun Survey

+ Description

Free Text

1 What is your favorite Bullet Time project?

Free text response

Single Response

2 Who is the best ping pong player?

Clif

Jake

Kate

Mike

Batman

+Add radio option +Add other option

Free Text

Single Response

Multi-Response

Rank

Matrix

Import



Create Survey Controls

Quicken Employee Questionnaire

Enter your survey description here

✕ Remove

Single Response ✕

1 How long have you worked at Quicken Loans?

Less than a year ✕

1-2 years ✕

3-4 years ✕

5+ ✕

+Add radio option +Add other option ⚙

Require Question
 Question Description

Add Comments
 Require Comments

☰ Free Text

⊙ Single Response

✓ Multi-Response

📊 Rank

📄 Matrix

✍ Import



Publish Survey

Weekly Fun Survey

Edit Survey

Expiration Date:

12/06/2013 10:23

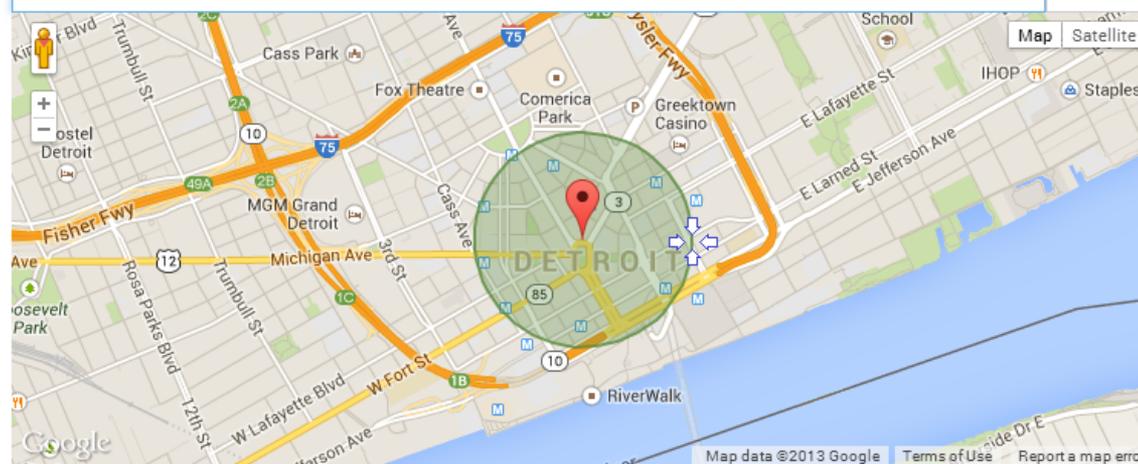
1/1/0001 12:00:00 AM

Anonymous?

Geo-Location?

Detroit, MI

Search



Publish

Copy to Template

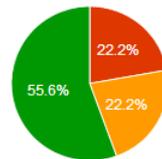
Copy to Template



Drill Down Survey

IT Picnic

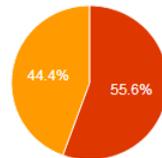
What was your favorite event?



- Three legged race
- Pie eating contest
- High heel race

Bar Chart Pie Chart Table

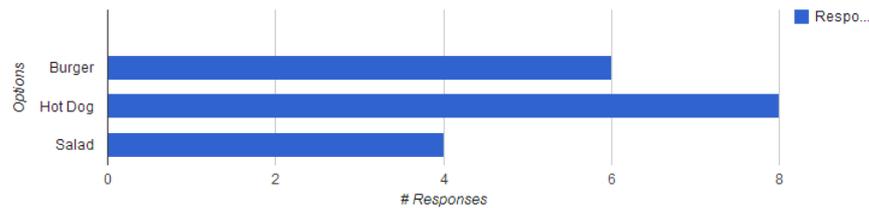
Which even would you like next year?



- Go Kart Race
- Egg Race

Bar Chart Pie Chart Table

What foods did you eat?



Bar Chart Pie Chart Table



Drill Down Survey

IT Picnic

What was your favorite event?

Option: High heel race

Submit Date	Submitted By	IP Address	Comment
11/5/2013 10:52:34 PM	William Richards	35.9.22.123	I know I couldn't run that fast
11/5/2013 10:52:54 PM	Charlotte McKay	23.345.1.234	
11/5/2013 10:53:39 PM	anon user	35.9.22.124	
11/5/2013 10:54:12 PM	Clyde Smith	476.174.6.98	Best event ever
11/5/2013 10:54:35 PM	anon user	35.9.22.126	



What's left to do?

- Fix bugs
- Styling
- Optimizing code