

MICHIGAN STATE
UNIVERSITY

Alpha Presentation

Web Applications for Healthier Communities

The Capstone Experience

Team Spectrum Health

Charlie Andrews

Brain Duncan

Bret Myers

Alper Can

Department of Computer Science and Engineering

Michigan State University

Spring 2012



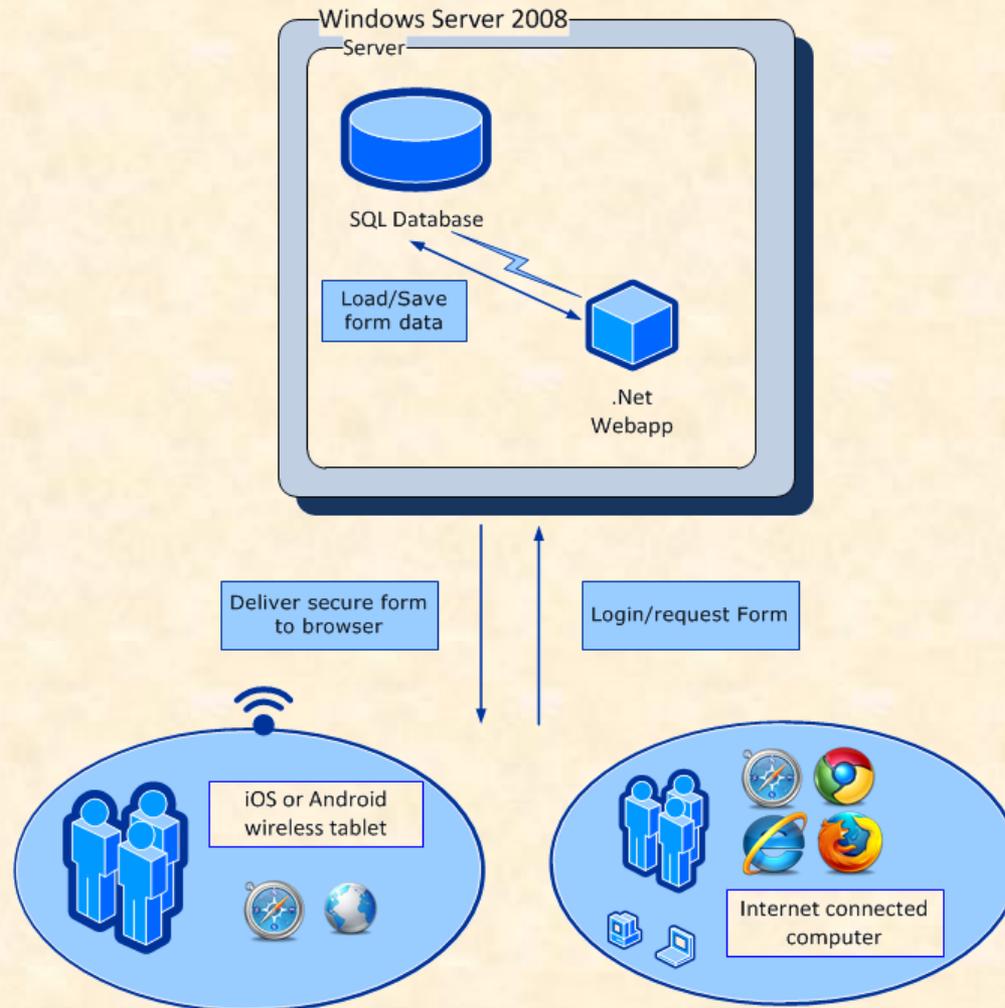
*From Students...
...to Professionals*

Project Overview

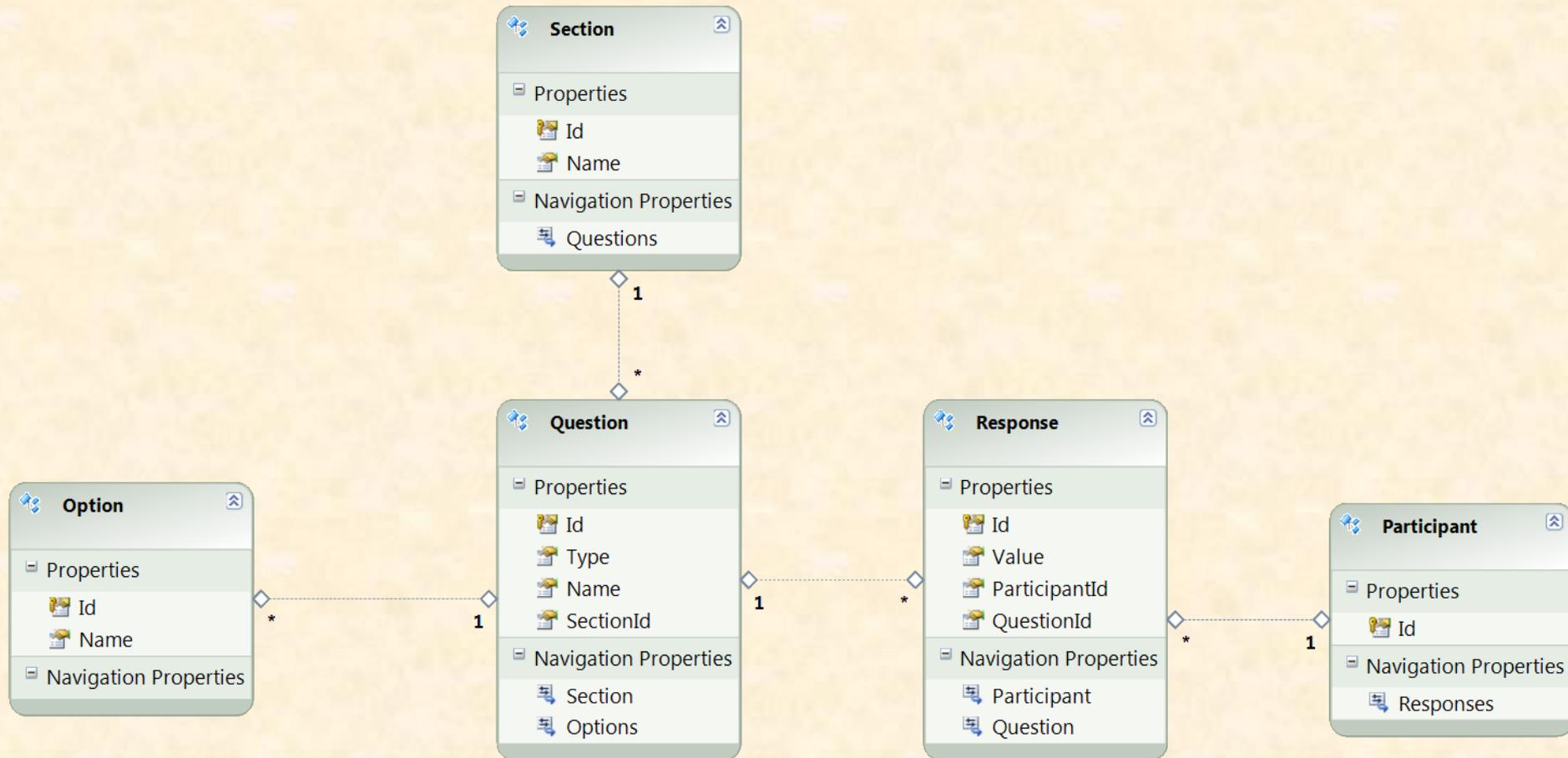
- Healthier Communities is a Spectrum Health division that reaches out to medically underserved members of the community
- Our web app organizes their process
- Enables volunteers to easily fill out health forms via the web
- Allow admins to access a central database of previously completed forms by the volunteers



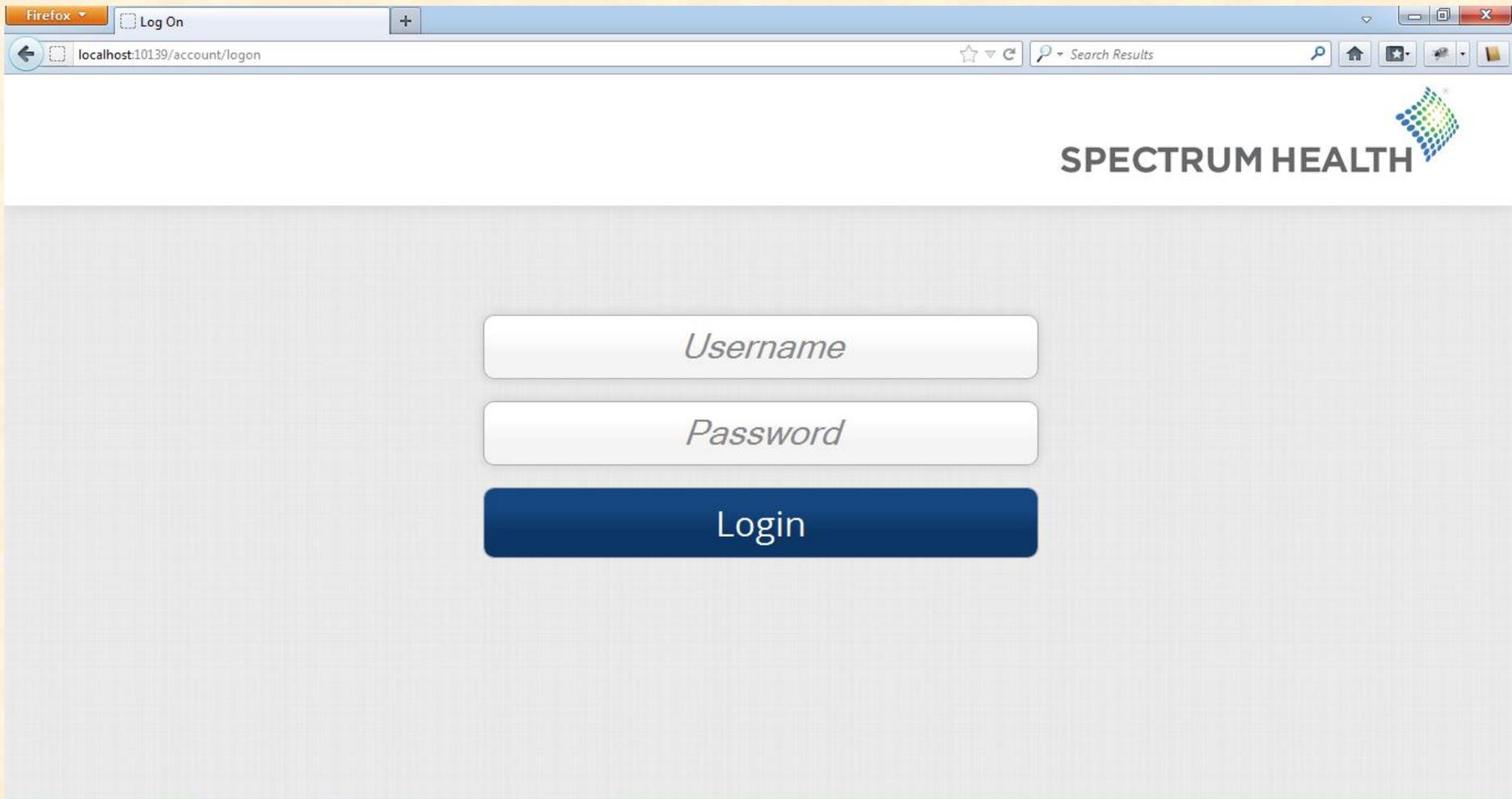
System Architecture



Database Architecture



Log on screen



Firefox Log On

localhost:10139/account/logon

Search Results

SPECTRUM HEALTH

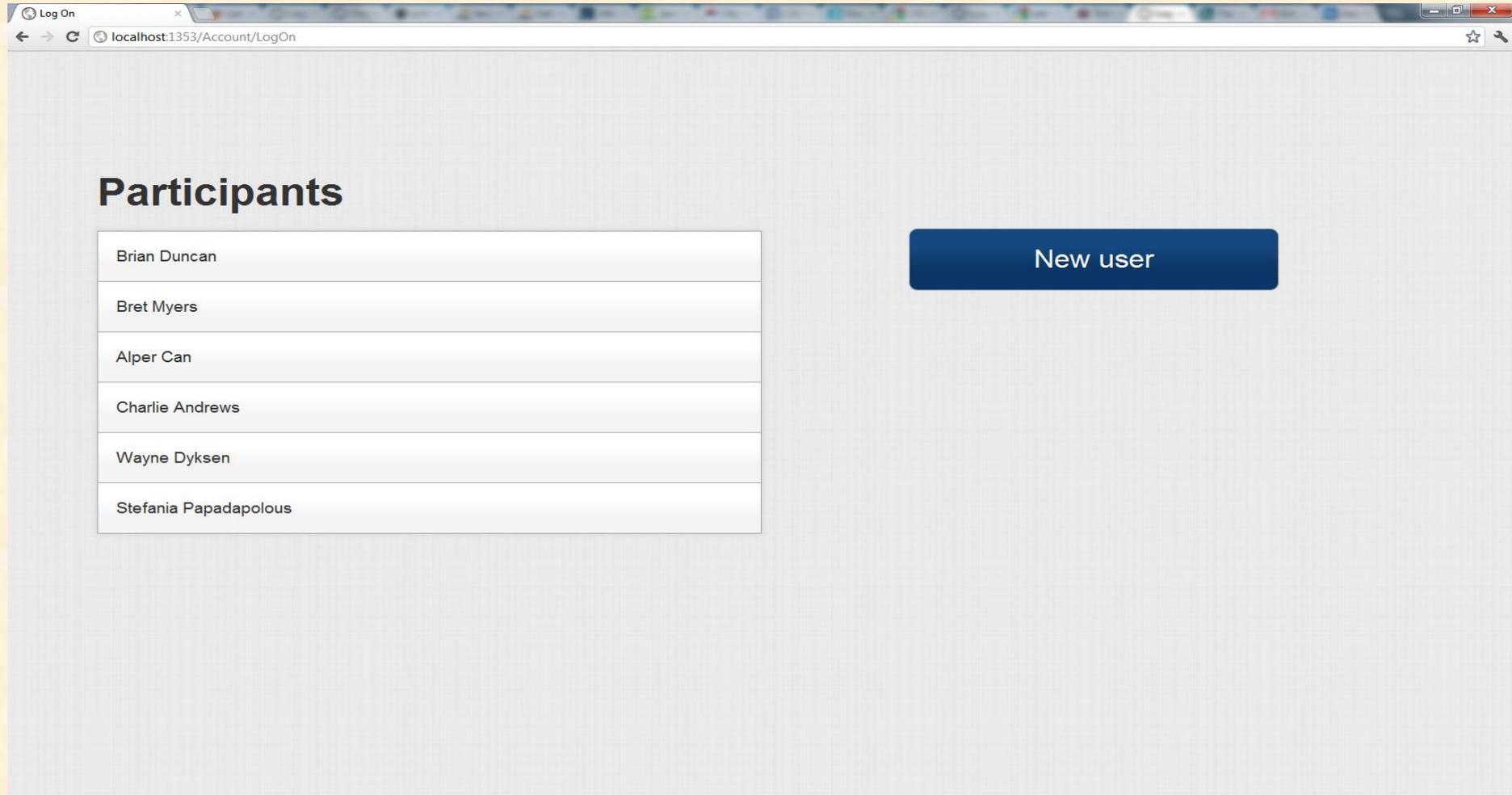
Username

Password

Login



Volunteer log in view



Form view

QuestionList
localhost:1353/Section/QuestionList?sectionId=1

[◀ Previous](#) [Index](#) [Next ▶](#)

Basic Information

CPI Number	Preferred name
<input type="text"/>	<input type="text"/>
First name	Primary phone number
<input type="text"/>	<input type="text"/>
Last name	Zipcode
<input type="text"/>	<input type="text"/>
Mother's maiden name	Insurance
<input type="text"/>	<input type="text"/>



What's left to do?

- Add user role views
- Allow for more than textbox questions
- Set up a print friendly option
- Allow user to view previous completed forms

