

Election Count App

Preliminary Ideas

Summary of Project:

The current method for collecting election count data is manual and requires a great deal of manpower. The State needs a system to allow users to easily add count data from wherever they are. The proposed system must allow this data to be available to media outlets and other users in real time as the data is added.

Proposed Solution:

MSI will create an online application that will allow designated users to add count data for a specific precinct. This data will be saved and total count and percentages will be available to users via online display, export via Excel, and through a feed. The system will be secured whereas only authorized users will be allowed to enter count data.

User Types:

Admin

Admin users will have the ability to sign into the app and do the following functions:

- Add/Edit Elections
- Add/Edit Candidates
- Add/Edit Precincts
- Add/Edit Users
- View Current Election Results
- Download Current Election Results
- View Past Election Results

Counter

Counters will have the ability to sign into the app and do the following functions:

- Add/Edit Count Data for Specified Precinct
- View Current Election Results
- Download Current Election Results
- View Past Election Results

Public

Public users do not have to login to the site. They can do the following:

- Add/Edit Elections

- View Current Election Results
- Download Current Election Results
- View Past Election Results

Screen Mockups:

Login screen (for Admins and Counters)

Election Results App: Login

Login

Username:

Password:

[I forgot my password](#)

Home (if Counter)

Election Results App: Home

(if counter)

User: John Doe, Precinct 13

Current Election: Governor November 2, 2011 Official

Add Vote Count for Precinct 13

Candidate 1:

Enter total votes

Candidate 2:

Enter total votes

Total Votes Counted: (calculated by adding the candidates votes total)

Percentages:

Candidate 1: #%

Candidate 2: #%

(calculated by system)

>> **Submit Count**

Cancel

Navigation

[View Results](#)

[Download Results](#)

[View Results from Past Elections](#)

Count Confirmation Screen (counters)

Election Results App: Confirm Count Submission	
(if counter)	User: John Doe, Precinct 13
Current Election: Governor November 2, 2011 Official	
You have submitted the following count:	
<hr/>	
Candidate 1: 800 total votes 80% of total votes counted for precinct 65% of total reported votes all precincts	Candidate 2: 300 total votes 30% of total votes counted for precinct 45% of total reported votes all precincts
<hr/>	
Total Votes Counted this Precinct::	1000 As of 11/02/2011, 8:01 PM
Total Votes Counted, All Precincts:	56000 As of 11/02/2011, 8:01 PM
<hr/>	
<input type="checkbox"/> I hereby declare, under penalty of law, that the preceding counts for Precinct 13 are correct as of the time stamp.	
<p>>> Confirm Count Cancel</p>	
CONFIRM COUNT submits the data to the system and routes user to home page where the count data is then displayed along with the submission details.	CANCEL routes user back to the count submission screen where they may edit the count or cancel the count (thus clearing the count)

Home (if admin)

Election Results App: Home

(if admin)

User: Hank Hill, Admin

Current Election: Governor November 2, 2011 Official

Results Overview

Total Votes Counted, 56000 As of 11/02/2011, 8:01 PM
All Precincts:

Candidate 1: 65% Total Votes: 36325

Candidate 2: 35% Total Votes: 18652

>> [View Detailed Results](#)

Navigation

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View Results from Past Elections

Users
Add Users
Edit Users

Precincts
Add Precincts
Edit Precincts

Elections
Add Election
Edit Election
Add Candidates
Edit Candidates

Results

Election Results App: Results

Current Election: Governor November 2, 2011 Official

Results Overview

Total Votes Counted,
All Precincts: 56000 As of 11/02/2011, 8:01 PM

Candidate 1: 65% Total Votes: 36325

Candidate 2: 35% Total Votes: 18652

Export Results as Excel File

RSS Feed of Results

View Results for Previous Elections:

Select Election

Precincts	Total Votes Reported	Candidate 1 Total Votes	Candidate 1 % Votes	Candidate 2 Total Votes	Candidate 2 % Votes	Vote Open or Closed
13	1000	800	80%	300	30%	Closed

Home (if public)

Election Results App: Home

(if public)

Current Election: Governor November 2, 2011 Official

Results Overview

Total Votes Counted,
All Precincts: 56000 As of 11/02/2011, 8:01 PM

Candidate 1: 65% Total Votes: 36325

Candidate 2: 35% Total Votes: 18652

>> [View Detailed Results](#)

Navigation

Current Election
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View Results from Past Elections

Select Election

Add Users (Admin)

Election Results App: Admin: Add Users

(if admin)User: Hank Hill, Admin

Add Users

First Name:

Last Name:

Email:

Unique Identifier:

User Type:
 Admin Counter (if selected, display:)

Assign to Precinct:

ADD USER saves the data to the system; system auto-creates a unique username and password for user and emails the user their info OR hmm maybe sending creds thru email not so good an idea... need to figure out way to assign usernames and passwords to users....

(can a user be assigned to multiple precincts? Can a counter also be an admin?)

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 - Add Candidates
 - Edit Candidates

Add Precincts: (admin)

Election Results App: Admin: Add Precincts	
<p>(if admin) User: Hank Hill, Admin</p> <hr/> <p>Add Precincts</p> <hr/> <p>Precinct Name <input type="text"/></p> <p>Location (anything else we need to capture for a given precinct?) <input type="text"/></p> <p>City <input type="text"/></p> <p>Zip <input type="text"/></p> <hr/> <p><input style="margin-right: 20px;" type="button" value=" >> Add Precinct "/> <input style="margin-right: 20px;" type="button" value=" Cancel "/></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; width: fit-content;"><p>ADD PRECINCT saves the data to the system, displays a confirmation message that allows user to continue adding precincts or be routed to home page.</p></div>	<hr/> <p style="text-align: center;">Navigation</p> <hr/> <p>Current Election View Results Download Results</p> <p>View Results from Past Elections</p> <p>Users Add Users Edit Users</p> <p>Precincts Add Precincts Edit Precincts</p> <p>Elections Add Election Edit Election Add Candidates Edit Candidates</p>

Add Election (admin)

Election Results App: Admin: Add Election

(if admin)User: Hank Hill, Admin

Add Election

Election Name: (anything else we need to capture?)

Type: (Primary, Run Off, Official)

Date:

Assign Candidates to Election:

Unassigned	Assigned
Candidate 1 <input style="float: right;" type="text" value="▲"/> <input style="float: right;" type="text" value="▼"/>	Candidate 2 <input style="float: right;" type="text" value="▲"/> <input style="float: right;" type="text" value="▼"/>

Navigation

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 - Edit Candidates

ADD ELECTION saves the election data to the system, displays a confirmation to the user, and routes user to the Home page.

Add Candidates (admin)

Election Results App: Admin: Add Candidates	
(if admin)	User: Hank Hill, Admin
Add Candidates	
First Name:	(anything else we need to capture?)
<input type="text"/>	
Last Name:	
<input type="text"/>	
Party Affiliation	
<input type="text"/>	
From:	Bio:
<input type="text"/>	<input type="text"/>
Link to website:	
<input type="text"/>	
<hr/>	
<input type="button" value=" >> Add Candidate"/>	<input type="button" value=" Cancel"/>

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ADD CANDIDATE saves the data to the system, displays a confirmation notice to user, and allows user to continue to add candidates or route to home page