Election Tracker Updates

Test Plan

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# Introduction

The Test Plan outlines the testing phase. It identifies the items and features to be tested; types of testing; resource requirements; and an approach to project management.

Implements suggested changes to SPN Request

## Objectives

The project will be tested on a local machine using test accounts with fictitious election data.

## Approval Criteria

All tests shall be verified by Wade Hansen, Mark Forseth, or Adam Wasdovitch after completion.

# Test Items

The following items will be tested in the application.

* Test sorting of tally sheet by Candidate.
* Test sorting of the ‘Enter Votes’ dialog by Candidate.
* Test “Contest” name is no longer cut off in the Quick Scan sheet.
* Test the help file contains accurate information.
* Test the help file contains no spelling errors.
* Test Database password is encrypted before writing to XML file.
* Test Encrypted database password is successfully decrypted on read.

## Component (Unit) Testing

The following table lists test to be performed, each test must result in an expected result.

| **ID** | **Description** | **Expected Result** | **Actual Result** | **Passed**  **By** |
| --- | --- | --- | --- | --- |
| 1 | Sorting the vote tally sheet alphabetically by candidate | When you open the vote tally sheet, the candidates will be in alphabetical order on each page | The candidates are in alphabetical order on each page | Mark Forseth |
| 2 | Sorting the enter votes page alphabetically by candidate | When you enter vote results the candidates will be in alphabetical order for each county | The candidates are in alphabetical order for each county | Mark Forseth |
| 3 | The quick scan “Contest” name will no longer be cut off if it is long | The contest information will now be on its own line so it will not matter how long the contest name is | The contest information is now on its own line | Mark Forseth |
| 4 | The user guide information is all correct | The user guide is free of spelling and grammar mistakes. | There are no spelling/grammar mistakes on the page. |  |
| 5 | There are no dead links on the help file. | There should be no dead links on the user guide page | All of the links on the user guide page are correct. |  |
| 6 | There are no spelling errors in the help file. | There should be no spelling errors in the help file. |  |  |
| 7 | The row length calculation is rewritten to properly drop a candidate to the next row when necessary to avoid losing digits in the following columns. | The number of reporting units column will not be cut off. | A candidate is pushed to the next column when the row is too long. The Reporting Units column now displays all digits as expected. | Wade Hansen |
| 8 | Database password is encrypted before writing to the XML file. | Database password is encrypted when viewing the XML file. | Not implementable | Adam Wasdovitch |
| 9 | Encrypted database password is successfully decrypted when program started. | Successfully decrypted password is used to open a connection to the database. | Not implementable | Adam Wasdovitch |
| 10 | The user manual text document is review by a peer to check the consistency of naming conventions and formatting. | The naming conventions and the formatting of the document are consistent throughout. | The naming conventions and the formatting of the document are consistent throughout. | Adam Wasdovitch |
| 11 | Introduction of Help menu | Help file option appears in help menu | Expected | Wade Hansen |
| 12 | Help menu linked to help file | Clicking on help menu loads help file | Expected | Wade Hansen |
| 13 | Help file integrated into install package | .msi installation includes help file that loads with help menu after install | Expected | Wade Hansen |