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| It’s Just Politics |
| Specification Documentation |
| Functional Specifications |

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The following explains all expected behavior and functionality of page controls from the user’s perspective.

\*Note, all controls visible by default unless otherwise specified

# Login Page

## Relative URL

~/Representatives.aspx

## Absolute URL

<http://ict.neit.edu/001434241/Representatives>

## Panels

### Login Panel (default view)

### Controls

* Two text boxes
  + Email
  + Password
* One button
  + “Log In”
* One link button

### Expected Behavior

* “Log In” button click
  + User input validation occurs
    - Required fields
    - Valid email address
    - Valid password
  + If input passes validation, user is redirected to the News Dashboard page
  + If input fails validation, user is presented with appropriate error message(s)
* “Sign Up” link button click
  + Login Panel is replaced by Sign Up Panel

### Sign Up Panel (hidden by deault)

### Controls

* Three text boxes
  + Email
  + Password
  + Confirm Password
* One button
  + “Sign Up”

### Expected Behavior

* “Sign Up” click
  + User input validation occurs
    - Required fields
    - Valid email address format
    - Unique email
    - Password and confirm password fields match
  + If input passes validation, user is redirected to the Preferences page
  + If input fails validation, user is presented with appropriate error message(s)

# Preferences Page

## Relative URL

~/Preferences.aspx

## Absolute URL

<http://ict.neit.edu/001434241/Preferences>

### Controls & Expected Behavior

* One AJAX accordion
* Four accordion panes
  + “My Information”
    - Five text boxes
      * Preferred Name
      * Email (disabled by default)
      * Old password (hidden by default)
      * New password (hidden by default)
      * Confirm new password (hidden by default)
    - Two dropdown lists
      * State selection (hidden by default)
      * Party selection (hidden by default)
    - Two link buttons
      * “Change Email“
        + Enables email textbox
        + Shows “Change Email” and “Cancel” button
      * “Change Password”
    - Five Buttons
      * “Save Name”
        + Inserts/updates name in name text box to database
      * “Change Password” (hidden by default)
      * “Cancel” x2 (one for email change and one for password change) (hidden by default)
        + Password change “Cancel” - Hides all password text boxes and buttons
        + Email change “Cancel” – disables email textbox, hides email buttons
      * “Change Email” (hidden by default)
        + Validates user input (valid email format)

If failed – error message

If passed – updates email in database

* + - * + Hides “Change Email” and “Cancel” buttons
    - Two radio buttons (registered voter)
      * Yes
        + Inserts/updates database
        + Shows both dropdown lists
      * No
        + Displays link to vote.gov for registration guide
  + “News Sources”
    - One checkbox list
      * News source selection (disabled by default)
    - Five buttons
      * “Edit News Sources”
        + Enables checkbox list
        + Shows both “Save Changes” buttons and both “Cancel Buttons”
      * “Save Changes” x2 (one at top of list and one at bottom to lessen scrolling)
        + Inserts/updates database
        + Hides all buttons but self
      * “Cancel” x2 (one at top of list and one at bottom to lessen scrolling)
        + Hides all buttons but self
  + “Keywords/Search Terms”
    - One checkbox list (disabled by default)
    - One text box
      * Keyword
    - Four buttons
      * “Add to Keywords”
        + Validates user input (field required)
        + Inserts into database
      * “Edit Keywords”
        + Enabled checkbox list
        + Shows “Cancel” and “Delete” buttons
      * “Delete from Keywords”
        + Deletes selected items from database
        + Hides “Cancel” and “Delete” buttons
      * “Cancel”
        + Hides “Cancel” and “Delete” buttons
  + “Articles Added to Favorites”
    - One checkbox list
      * Saved articles (disabled by default)
    - Three buttons
      * “Edit Articles”
        + Enables checkbox list
        + Shows “Delete from Articles” and “Cancel” buttons
      * “Cancel”
        + Hides “Cancel” and “Delete” buttons
      * “Delete From Articles”
        + Deletes selected items from database
        + Hides “Cancel” and “Delete” buttons

# News Dashboard Page

## Relative URL

~/NewsDashboard.aspx

## Absolute URL

<http://ict.neit.edu/001434241/NewsDashboard>

### Controls & Expected Behavior

* One dropdown list
  + Saved keywords
    - On selected index changed
      * Page refresh
      * Displays search results for selected keyword
* One textbox
  + Labeled - “Or Enter Search Term Here”
* Two buttons
  + “Search Articles”
    - Validates input (search term text box input required)
    - Page refresh
    - Displays search for keyword entered in textbox
  + “Add to Keywords”
    - Validates input (search term text box input required)
    - Page refresh
    - Displays search results for keyword entered in textbox
    - Saves search term to user’s saved keywords/search terms
* One link button
  + “Favorited Articles”
    - Redirects user to user preferences where they can view their saved articles

# Polls Page

## Relative URL

~/Polls.aspx

## Absolute URL

<http://ict.neit.edu/001434241/Polls>

## Controls/Behavior

* Eight charts displaying polling data
  + Pie chart - On hover/tap
    - Display candidate name and percentage
  + Pie chart legend – On hover/tap
    - Display full candidate name

# News Dashboard Page

## Relative URL

~/NewsDashboard.aspx

## Absolute URL

<http://ict.neit.edu/001434241/NewsDashboard>

### Controls & Expected Behavior

* One dropdown list
  + State selection
    - On selected index change
      * Page refresh
      * Display results for selected state
* Two AJAX accordions (one per senator, identical)
  + “General Current Congress Information”
    - Onclick expand corresponding information
  + “Contact Information”
    - Onclick expand corresponding information
  + “Committees/Subcommittees”
    - Onclick expand corresponding information
  + “Sponsored Bills”
    - Onclick expand corresponding information
    - Self-made accordion – four panes
      * “Introduced”
        + On click – displays bills in category
      * “Active”
        + On click – displays bills in category
      * “Passed”
        + On click – displays bills in category
      * “Enacted”
        + On click – displays bills in category
  + “Past Congress Roles”
    - Onclick expand corresponding information
  + Circular progress bars (votes with party percentage)
    - Gradually fill on page reload
  + DW-NOMINATE number line
    - Display on page load
  + Next election container
    - If next election is this year – highlight in red and blue gradient
* Non-senator state official container
  + On click
    - Display corresponding official’s contact information