Milestone 7 (Testing)

Unit Tests

Test Case Type	Unit
Test Target	Pages.Edit
Test Input	User leaves required field empty and clicks "submit".
Expected Output	Error message is displayed above necessary field

Test Case Type	Unit
Test Target	Pages.Create
Test Input	User leaves required field empty and clicks "submit".
Expected Output	Error message is displayed above necessary field

Test Case Type	Unit
Test Target	Pages.PollIndex
Test Input	Index page shows on browser window
Expected Output	All available polls are shown to the user

Test Case Type	Unit
Test Target	Pages.Home
Test Input	User selects one of the navigation options from the top navigation bar
Expected Output	Browser presents the selected tab

Test Case Type	Unit
Test Target	Pages.Login
Test Input	User enters non-existent account information and clicks the login button
Expected Output	Page refreshes and gives error message "Invalid login credentials"

Test Case Type	Unit
Test Target	Page.Register
Test Input	User enters password that does not meet necessary password criteria and clicks register.
Expected Output	Page refreshes and shows the error message "Error invalid password"

Test Case Type	Unit
Test Target	Page.Vote
Test Input	User clicks vote next to the selected option in poll
Expected Output	User is presented with vote confirmation page

Test Case Type	Unit
Test Target	Page.Details
Test Input	User selects "details" option next to poll on poll Index page
Expected Output	Browser shows the poll details page with the correct information on the poll

Test Case Type	Unit
Test Target	Data.PollContext
Test Input	Query for poll ID of pole that is not contained in poll table
Expected Output	Query Error is returned

Test Case Type	Unit
Test Target	Data.ApplicationDbContext
Test Input	Query for userID that does not exist in User table
Expected Output	Query Error is returned

Validation Test Cases

Test Case Type	Validation
Test Target	Account creation
Test Input	User clicks "Register" at top of home page. User enters email in email input box, enters password in password box, re-enters password in textbox
Expected Output	Message "account created", user information is saved to the database

Test Case Type	Validation
Test Target	User login
Test Input	Enter email and password into corresponding text boxes

Expected Output	User name shown at top corner of browser, user able to vote in polls

Test Case Type	Validation
Test Target	Access poll information
Test Input	User logs in using previously made account, user clicks on the polls tab
Expected Output	Created polls are listed on the polls tab

Test Case Type	Validation
Test Target	Navigate to Poll creation page
Test Input	User clicks "Create New" link on the polls tab, after successful login
Expected Output	User is taken to the create poll page

Test Case Type	Validation
Test Target	Create Poll
Test Input	User enters poll start date, end date, Name of the poll, and the type of access. Then user clicks the create button
Expected Output	Poll shows on the Polls tab with entered information

Test Case Type	Validation
Test Target	Poll Edit

Test Input	User clicks "edit" next to a poll, that user had previously created. User is then taken to edit page. User enters corrected information in corresponding text boxes and clicks "compleat"
Expected Output	New poll information is shown on the polls page

Test Case Type	Validation
Test Target	Poll Termination on correct date
Test Input	User creates poll with termination at a specific date. Date is reached
Expected Output	Poll is terminated and voting is closed to other users

Test Case Type	Validation
Test Target	User votes in a poll
Test Input	User selects a poll on polls tab by clicking "vote". User is presented the poll question and a list of options. After selection user clicks "Vote"
Expected Output	Confirmation page is shown with message "Your Vote was tallied"