Scenario #1: Sign Up

Description

This test scenario covers a user signing up (or attempting to) with both valid and invalid data with the aim of:

- Creating a valid user
- Testing invalid input data and checking input validation

Test Scripts

The following scripts will cover this scenario:

- 1.1. Valid Signup
- 1.2. Duplicate Username
- 1.3. Duplicate Email
- 1.4. Invalid Username
- 1.5. Invalid Email
- 1.6. Invalid Password
- 1.7. Invalid username and email

Use Case

1.7. Register

When User
Wants to register an account for the service they click register, and fill out the requested information
So that the User is granted an account and the system has the required information about them
Extends use-case 1.6. (Login)

Test Components/Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

- Authentication
- Persistence

User Groups

- Average user

Script 1: Valid Signup

Description

- An unauthenticated user will visit a page of the site where the navigation bar is offered (currently all pages)
- Attempt to sign up with valid data
- Observe the result - The user should then be created and signed in automatically

Setup

- The testing user should ensure they are logged out
- The testing user should ensure the information they're entering to test with is unused and a user already persisted in the system doesn't exist with the same username or email address

Step #	Test Step	Expected Test Results	P	F
1.	Visit the site	Site loads with no errors		
2.	Click "Sign Up" in the top right	A modal window appears asking for registration details		
3.	Fill in a valid set of details (template details found below, replace X with a number)	No validation errors displayed		
4.	Click "Sign Up" in the modal window	The page refreshes and the username entered can be found in the top right as you are signed in		

Field Name	Data
Username	testX
Email	testX@test.com
Password	asd123

Date/Time	Tester	Test Phase	Status
12/06/17 20:37	Somer Hayter		Passed

Script 2: Duplicate Username

Description

- An unauthenticated user will visit a page of the site where the navigation bar is offered (currently all pages)
- Attempt to sign up with an existing username and otherwise valid data
- Observe the result - The user should not be created and a validation error should be displayed

Setup

- The testing user should ensure they are logged out
- The testing user should ensure a user with the details in *italics* already exists and is registered

Step #	Test Step	Expected Test Results	P	F
1.	Visit the site	Site loads with no errors		
2.	Click "Sign Up" in the top right	A modal window appears asking for registration details		
3.	Fill in details from the data table			
4.	Click "Sign Up" in the modal window	A validation error is displayed and the user is not created		

Field Name	Data
Username	existingtest
Email	new@test.com
Password	asd123
Username	existingtest
Email	existingtest@test.com
Password	asd123

Date/Time	Tester	Test Phase	Status
12/06/17 20:37	Somer Hayter		Passed

Script 3: Duplicate Email

Description

- An unauthenticated user will visit a page of the site where the navigation bar is offered (currently all pages)
- Attempt to sign up with an existing email and otherwise valid data
- Observe the result - The user should not be created and a validation error should be displayed

Setup

- The testing user should ensure they are logged out
- The testing user should ensure a user with the details in *italics* already exists and is registered

Step #	Test Step	Expected Test Results	P	F
1.	Visit the site	Site loads with no errors		
2.	Click "Sign Up" in the top right	A modal window appears asking for registration details		
3.	Fill in details from the data table			
4.	Click "Sign Up" in the modal window	A validation error is displayed and the user is not created		

Field Name	Data
Username	newtest
Email	existingtest@test.com
Password	asd123
Username	existingtest
Email	existingtest@test.com
Password	asd123

Date/Time	Tester	Test Phase	Status
12/06/17 20:37	Somer Hayter		Passed

Script 4: Invalid Username

Description

- An unauthenticated user will visit a page of the site where the navigation bar is offered (currently all pages)
- Attempt to sign up with an invalid username and otherwise valid data
- Observe the result - The user should not be created and a validation error should be displayed

Setup

- The testing user should ensure they are logged out
- The testing user should ensure the information they're entering to test with is unused and a user already persisted in the system doesn't exist with the same username or email address

Step #	Test Step	Expected Test Results	P	F
1.	Visit the site	Site loads with no errors		
2.	Click "Sign Up" in the top right	A modal window appears asking for registration details		
3.	Fill in usernames from the data table and otherwise valid set of details			
4.	Click "Sign Up" in the modal window	A validation error is displayed and the user is not created		

Field Name	Data
Username (blank)	
Username (too short)	a
Username (too long)	abcdefghijklmnopqrstuvwxyz1234567890ABCDEFG
Username (invalid)	asd!@#
Email	testX@test.com
Password	asd123

Date/Time	Tester	Test Phase	Status
12/06/17 20:37	Somer Hayter		Passed

Script 5: Invalid Email Address

Description

- An unauthenticated user will visit a page of the site where the navigation bar is offered (currently all pages)
- Attempt to sign up with an invalid email and otherwise valid data
- Observe the result - The user should not be created and a validation error should be displayed

Setup

- The testing user should ensure they are logged out
- The testing user should ensure the information they're entering to test with is unused and a user already persisted in the system doesn't exist with the same username or email address

Step #	Test Step	Expected Test Results	P	F
1.	Visit the site	Site loads with no errors		
2.	Click "Sign Up" in the top right	A modal window appears asking for registration details		
3.	Fill in emails from the data table and otherwise valid set of details			
4.	Click "Sign Up" in the modal window	A validation error is displayed and the user is not created		

Field Name	Data
Username	testX
Email (blank)	
Email (too long)	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaa
Email (invalid)	a@a
Password	asd123

Date/Time	Tester	Test Phase	Status
12/06/17 20:46	Somer Hayter		Passed

Script 6: Invalid Password

Description

- An unauthenticated user will visit a page of the site where the navigation bar is offered (currently all pages)
- Attempt to sign up with an invalid password and otherwise valid data
- Observe the result - The user should not be created and a validation error should be displayed

Setup

- The testing user should ensure they are logged out
- The testing user should ensure the information they're entering to test with is unused and a user already persisted in the system doesn't exist with the same username or email address

Step #	Test Step	Expected Test Results	P	F
1.	Visit the site	Site loads with no errors		
2.	Click "Sign Up" in the top right	A modal window appears asking for registration details		
3.	Fill in passwords from the data table and otherwise valid set of details			
4.	Click "Sign Up" in the modal window	A validation error is displayed and the user is not created		

Field Name	Data
Username	testX
Email	testX@test.com
Password (blank)	
Password (too short)	a
Password (too long)	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaaa

Date/Time	Tester	Test Phase	Status
12/06/17 21:11	Somer Hayter		Passed

Script 7: Invalid Username and Email

Description

- An unauthenticated user will visit a page of the site where the navigation bar is offered (currently all pages)
- Attempt to sign up with an invalid username and email address, and otherwise valid data
- Observe the result - The user should not be created and a validation error should be displayed

Setup

- The testing user should ensure they are logged out
- The testing user should ensure the information they're entering to test with is unused and a user already persisted in the system doesn't exist with the same username or email address

Step #	Test Step	Expected Test Results	P	F
1.	Visit the site	Site loads with no errors		
2.	Click "Sign Up" in the top right	A modal window appears asking for registration details		
3.	Fill in data provided below	No validation errors displayed		
4.	Click "Sign Up" in the modal window	The page refreshes and the username entered can be found in the top right as you are signed in		

Field Name	Data
Username (blank)	
Email (blank)	
Password	asd123

Date/Time	Tester	Test Phase	Status
12/06/17 21:15	Somer Hayter		Passed