COSC 412 Individual Project

End to End System Testing

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[www.guru99.com/end-to-end-testing.html](http://www.guru99.com/end-to-end-testing.html)

**Building User Functions**

Taking the Quiz:

1. Enter site
2. [3 Options]
   1. Click Start on Home Page
   2. Click “Take the Quiz” farther down on Home Page
   3. Click “Take Quiz” on header menu
3. Read Introduction message and click next to begin quiz
4. Answer questions as they best apply to quiz taker
5. Click “Next” to proceed to next question or “Previous” to go back to previous question
6. Click ‘Get My Results!” to get results of quiz
7. [2 Options]
   1. Click on “Learn More” to be redirected to page with detailed information about results
   2. Click on “Shop Now” to be redirected to section of shop for user’s results
8. Click on “Retake Quiz” to take the quiz again (optional)

Shopping for product(s):

1. Enter site
2. [2 options]
   1. Hover mouse over “Shop” in header menu and select specific Curl Chemistry to shop for
   2. Click “Shop” and be redirected to main storefront
      1. Select a category/Curl Chemistry
3. Click on a product
4. Click “Buy Now”
5. Redirected to Amazon for purchase

User looking at Curl Chemistries

1. Enter site
2. Click “Curl Chemistries” on header menu
3. Select either “High Porosity” or “Low Porosity” of any hair type to be redirected to page with information about that specific Curl Chemistry

User wanting to contact company

1. Enter Site
2. Click “Contact Us” on header menu
3. Fill in contact form
   1. Name
   2. Email
   3. Subject
   4. Message
4. Click “Send Message”

User Registration

1. Enter site
2. [2 options]
   1. Hover mouse over “Account” in header menu and click “Register”
   2. Click “Account” in header menu and then Click “Register” after redirected to Login page.
3. Fill in Registration form
   1. Username
   2. First Name
   3. Last Name
   4. E-mail Address
   5. Password
   6. Confirm Password
4. Click “Register”

User Login

1. Enter site
2. [2 options]
   1. Hover mouse over “Account” in header menu and click “Login”
   2. Click “Account” in header menu
3. Fill in Login form
   1. Username or e-mail address
   2. Password
4. Click box next to “Keep me signed in” to stay logged in to site (optional)
5. Click “Login”

User Password Reset

1. Enter site
2. [2 options]
   1. Hover mouse over “Account” in header menu and click “Login”
   2. Click “Account” in header menu
3. Click “Forgot your password?”
4. Fill in field
   1. Username or email
5. Click “Reset my password”
6. E-mail sent to registered user email
7. Click link in email to be redirected to site for password reset
8. Fill out password reset form
   1. New Password
   2. Confirm New Password
9. Click “Submit”

**Building condition**

Registration/Login accounts

1. Invalid username and password
2. Checking with valid username and password
3. Password strength checking
4. Checking of error messages
5. Check system behavior when valid email id and password is entered.
6. Check system behavior when invalid email id and valid password is entered.
7. Check system behavior when valid email id and invalid password is entered.
8. Check system behavior when invalid email id and invalid password is entered.
9. Check system behavior when email id and password are left blank and Sign in entered.
10. Check Forgot your password is working as expected
11. Check system behavior when valid/invalid phone number and password is entered.
12. Check system behavior when "Keep me signed" is checked

Submitting Contact Us Form

1. Check for invalid email address

Shopping for products

1. Check for products matching category
2. Check for working product links to Amazon

**Building Test Scenario**

Check Category functionality:

User clicks a specific category, and the appropriate products appear

Check Login Functionality:

Users are able to sign in with their username/e-mail address and password and access their profile.

Check submission of Contact Us Form:

User goes to submit a form. User enters in information and gets an error message if e-mail is incorrect and are able to click “Send Message” if everything is correct. After submission a notification that message was sent.

Checking Curl Chemistry pages:

General user visits the site. The user visits the Curl Chemistries page. They can choose between the two options of hair porosities per hair type. When user selects a porosity for a hair type, it will redirect them to a page will information about that specific Curl Chemistry and have a “Shop Now” link at the bottom of the page to redirect user to shop page for that Curl Chemistry.