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**

Browsing plants:

1. Enter site
2. Click ‘shop’ page
3. Click on a plant you wish to purchase
4. Read product description
5. Read additional information
6. Click ‘view cart’ or click back button to view more

Plant filtering options

1. Enter site
2. Click ‘shop’ page
3. Select Option
   1. Watering
   2. Size
   3. Maintenance
   4. Light Level
4. View plants that meet your requirements

Finding your perfect plant quiz:

1. Enter site
2. Click “Find your perfect Plant”
3. Click ‘Let’s Play!’
4. Click an answer for each of the five questions
5. Click “play again”
6. Click “Home” to return to homepage

Viewing contact information/reaching out

1. Enter Site
2. Select “Contact” page
3. View contact information
4. Fill out form
5. Click “submit”

Viewing care tips

1. Enter Site
2. Click “Care Guide” page
3. Choose a toggle menu to view
4. Click on one
5. View information
6. Click on same toggle menu option for it to fold back
7. Click on multiple to have multiple toggles open

Add items to cart

1. Enter site
2. Click ‘shop’ page
3. Click on a plant you wish to purchase
4. Read product description
5. Read additional information
6. Type Quantity next to ‘add to cart’ button
7. Click ‘add to cart’
8. Click view cart or click back button

Checkout process

1. Enter site
2. Click ‘shop’ page
3. Click on a plant you wish to purchase
4. Read product description
5. Read additional information
6. Type Quantity next to ‘add to cart’ button
7. Click ‘add to cart’
8. Click ‘view cart’
9. Click proceed to checkout
10. Fill in information
11. Click ‘Place order’

**Building conditions**

Viewing Plant page

1. Checking for plants to purchase
2. Checking page exists

Using filter options to search for plants

1. Check for plants meeting filter search
2. Check for plants meeting multiple features
3. Check filter is accurate
4. Check filtering when no filters are selected

Quiz function

1. Check for plants meeting answer result
2. Check for plants meeting multiple answers
3. Check result to ensure each answer is accurately represented
4. Check filtering with random inputs

Viewing Care Tips

1. Checking for care tips
2. Checking page exists

Plants added to cart

1. Add to cart button works
2. Plant is in cart

Submitting a Contact Request Form

1. Check for invalid phone number
2. Check for invalid email address
3. Check for error messages
4. Check for character count in message
5. Check for when invalid phone number is entered, and email is correct
6. Check Phone number format is correct

Method of payments

1. Check for invalid card
2. Check for invalid address
3. Check for invalid amount
4. Check for invalid email address

**Building Test Scenario**

Check filter functionality:

Users login to the site to view specific plants they wish to buy. User checks off filtering functions and those plants will appear.

Check submission of contact form:

User goes to submit a form. User enters in information and gets an error message if information is incorrect. After submission a verification shows to confirm submission went through.

Checking care tips page:

General user visits the site. The user visits the care tips page. They can choose between the different options of care information. The user can select a tab and information will appear. If re-selected information will disappear.

Checking checkout Process:

General user visits the site. The user visits shop page to purchase plants. User selects plants they wish to purchase. User can enter in quantity and select add to cart. User then views cart to review items. User process to click proceed to checkout. User enters in information. When finished user can click place order. If any information is incorrect a notification at the top will be given in red.

Checking checkout Process:

General user selects “Find my perfect plant quiz” off homepage. User then selects ‘let’s play’. User answers various questions to determine a plant that suits their requirements.