

Team 105-7: The Botanizer's
Nathan Henault
Trevor Lana
David Gao
James Burke
Shiyue Zhang

Botanizer Project Milestone 5

Test Cases:

All tests will begin at the landing page

1. Plant Match Survey Search
 - a. Click the Plant Match Survey link from the landing page
 - i. Confirm that the survey page is loaded
 - b. Fill out the survey and click the submit button
 - i. Confirm that only one plant was returned as the result
 - c. Compare the survey inputs with the result plant's care information
 - i. Confirm that all plant care information matches the inputs of the survey
2. Search and Results Page
 - a. Click the Search link from the landing page
 - i. Confirm that the search page was loaded
 - b. Without selecting any filters, search for "habanero"
 - i. Confirm that all results contain the term "habanero" in their name.
 - c. Select the following filters and search for "habanero" with the following filters:
 - i. Lighting: Full Sun
 - ii. Soil moisture: Damp
 - iii. Low Temp Zone: 20 Degrees F
 - iv. High Temp Zone: 50 Degrees F
 - v. Drought Tolerance: Low
 - vi. Care Difficulty: Medium
 - vii. Confirm that the only returned result is "Hot Pepper Habanero"
 - d. Select "Hot Pepper Habanero" from the results list
 - i. Confirm that the Results page is loaded with all habanero plant care information, and that the following data matches.
 1. Lighting: Full Sun
 2. Soil moisture: Damp
 3. Temp Zone: 20-50 Degrees F

4. Drought Tolerance: Low
5. Care Difficulty: Medium

3. Registration/Login

- a. Create a user login
 - i. Confirm that the page verifies that login information was saved
- b. Log in with information created in step a
 - i. Confirm that the login was successful

4. Plant Map

- a. Click the plant map link from the landing page
 - i. Confirm that the plant map page was loaded
- b. Click one location button on the map
 - i. Confirm that a pop-up with a regional plant appears
- c. Repeat step b for all buttons on the map

5. Plant Care FAQ

- a. Click the FAQ link from the landing page
 - i. Confirm FAQ page was loaded
- b. Click a dropdown with a question
 - i. Confirm the answer makes sense as a response to the question
- c. Click the link in the dropdown answer if there is one
 - i. Confirm the link takes you to a separate website with related info to the question
- d. Repeat steps b and c for all dropdown questions
- e. Example: click the dropdown for “Why are my leaves turning yellow?”
 - i. Confirm the answer is “There are many reasons why your leaves could be turning yellow. Plant leaves can turn yellow due to moisture stress. Moisture stress can be caused by over-watering or under-watering.”
 - ii. Confirm that the link in the answer takes you to
<https://www.ambius.com/indoor-plants/why-plants-turn-yellow/>