

Team: 102-4 Group: Wolf-Gang Amadeus

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Project Name: Come To CO!

Project Milestone 5

Features To Be Tested:

1. Website hosting and webpage linking
2. Website data collection and parsing
3. Homepage slideshow

Test 1: Website Hosting and Webpage Linking

What We Are Testing: Our team will demonstrate that our website is hosted online using Heroku. We will also show that a user can access all of our webpages.

Reason For Choosing This Test: We chose this test because it is vital that our website is hosted online. Thus, we need to demonstrate that our final design has this functionality.

Test Description:

1. Open a web browser and point it to <https://cometoco.herokuapp.com/>
2. Make sure that we are at the website homepage
3. Press the 'Get Started' button
4. Ensure that we are redirected to the preferences page
5. Randomly fill in all text boxes and press submit
6. Ensure that we get redirected to the suggestions page

Success Criteria

This test will be successful if our webpages are linked in the proper order and if <https://cometoco.herokuapp.com/> points directly to the homepage of our website.

Test 2: Website Data Collection and Parsing

What We Are Testing: We will be demonstrating the functionality of our suggestion algorithm and the integration of this algorithm with our website. We will focus on the consistency of the suggestions.

Reason For Choosing This Test: This feature is the main reason that a tourist would want to visit our website. Thus, we need to demonstrate that our website can provide unique and consistent suggestions.

Test Description:

1. Open a web browser and point it to <https://cometoco.herokuapp.com/>

2. Press the 'Get Started' button
3. Randomly select preferences on the preferences page
4. Record the preferences that were selected before proceeding
5. Proceed to the next page and record website suggestions
6. Go back to the preferences page and fill in the same information that was recorded in step 4
7. Proceed to the next page and verify that the same suggestions are provided that were recorded in step 5

Success Criteria

We want to make sure that our website provides *consistent* suggestions to users. If the suggestions webpage in steps 5 and 7 are different, then our website design fails.

Test 3: *Homepage Slideshow*

What We Are Testing: We will verify that the homepage has a presentable and visually interesting slideshow.

Reason For Choosing This Test: The slideshow will give users an idea of life in Boulder and will raise excitement for a trip.

Test Description:

1. Open a web browser and point it to <https://cometoco.herokuapp.com/>
2. Verify that the homepage is open
3. Wait for ten seconds and verify that the homepage background changes
4. Wait for another ten seconds and verify that the homepage background changes
5. Wait for another ten seconds and verify that the homepage background returns to the original picture

Success Criteria

We want presentable and exciting pictures to cycle through our homepage. If we cycle through three different images then we have a success!