

# Lab 11: Test Plan

Recitation 15 Group 6 Casa Catalog

## Feature 1: Login Page

### Test Cases:

- 1) The user is logged in when presenting a valid username and password.
  - a) This test is successful if after entering a valid username and password combination (valid being defined as being represented in the users database in some form) the user is then redirected to the discover page with a set session variable connected to their login.
- 2) When the user enters a valid username and incorrect password they are not logged in.
  - a) This test is successful if after entering a valid username and incorrect password (incorrect being defined as having no representative value in the users database) the user remains on the login page and is prompted that they entered an incorrect password.
- 3) When the user enters a new username they are sent to register.
  - a) This test is successful if after entering a new username not in the users database, the user is then redirected to the register page.

### Testing Parameters:

The user acceptance testing of the login page will be carried out on the website itself. The user will be prompted to enter in a username and password into the appropriate input fields and the result of the submission of this information will be compared against the intended result which is either a page redirect or a prompting message.

### User Acceptance Testers:

The user acceptance testers will be chosen from a group of CU Boulder students, staff, or faculty outside of our group with the aim of having multiple machines represented (i.e Windows, Mac, etc.)

## Feature 2: Register Page

### Test Cases:

- 1) Upon submitting a new username and password, a new user is registered.
  - a) This test is successful if after entering a new username and password combination, the new pair is added to the users database and the user is redirected to the login page to log in.
- 2) Upon submitting a username that already exists in the users database, the user is prompted to enter a unique username.
  - a) This test is successful if after entering a non-unique username, the user should remain on the registration page and there should be a notification prompting the user to input a unique username.

### Testing Parameters:

The user acceptance testing of the register page will be carried out on the website itself. The user will be prompted to enter in a username and password into the appropriate input fields and the result of the submission of this information will be compared against the intended result. For a successful registration, the user will be redirected to login. Otherwise they will be prompted to input a unique username.

### User Acceptance Testers:

The user acceptance testers will be chosen from a group of CU Boulder students, staff, or faculty outside of our group with the aim of having multiple machines represented (i.e Windows, Mac, etc.)

## Feature 3: Discover Page

### Test Cases:

- 1) Upon providing a valid search query that returns results, the user will be presented with related items and products.
  - a) This test is successful if after giving a valid search query, e.g “Baseball cards,” the user is presented with a list of items that match the description of “Baseball cards.” The list of items must be coherent and uniform in appearance, with each item in the list having the same information as any other given item.
- 2) Upon providing an invalid search query that yields no product results, the user will be notified that no relevant products were found.
  - a) This test is successful if after providing an invalid search query that returns no results, the user is notified that their search query returned no products. An invalid search query has the possibility to be many things, but notably could be nonsensical strings like “jhjasdh”, strings without meaning such as “!”, or valid words and phrases that represent real things, but don’t return any results due to not being obtainable such as “saturn 5 thruster.”

### Testing Parameters:

The user acceptance testing of the discover page will be carried out on the website itself. Upon opening the discover page, the user will be given a search box to search for products through. If they enter a valid search query, the user will see a list of items that match their query. However, if the user enters an invalid search query, the user will be notified that their search query did not return any results.

### User Acceptance Testers:

The user acceptance testers will be chosen from a group of CU Boulder students, staff, or faculty outside of our group with the aim of having multiple machines represented (i.e Windows, Mac, etc.)