

## Feature: User Authentication

### Background:

Given I am on the Login Page

### Scenario: Successful signup with username csci310

When html loads

When signup link is clicked

When id is "username" with input "csci310"

When id is "password" with input "password"

And "go" button is clicked

Then I should be redirected to "Main.jsp"

expected: "Main.jsp"

got: "LogIn.jsp"

(compared using ==)

(RSpec::Expectations::ExpectationNotMetError)

./features/step\_definitions/collage.rb:103:in `(/^I should be redirected to "([^"]\*)"\$/'

features/collage/F1\_6\_user\_authentication.feature:13:in `Then I should be redirected to "Main.jsp"'

### Scenario: Successful signup with username root

When html loads

When signup link is clicked

When id is "username" with input "root"

When id is "password" with input "root"

And "go" button is clicked

Then I should be redirected to "Main.jsp"

expected: "Main.jsp"

got: "LogIn.jsp"

(compared using ==)

(RSpec::Expectations::ExpectationNotMetError)

### Scenario: Successful login with username csci310

When html loads

When id is "username" with input "csci310"

When id is "password" with input "password"

And "go" button is clicked

Then I should be redirected to "Main.jsp"

### Scenario: Successful Login with username root

When html loads

When id is "username" with input "root"

When id is "password" with input "root"

And "go" button is clicked

Then I should be redirected to "Main.jsp"

### Scenario: Successful Login with username tester

When html loads

When id is "username" with input "tester"

When id is "password" with input "test"

And "go" button is clicked

Then I should be redirected to "Main.jsp"

## Feature: Test CSS of Main

### Background:

Given I am on the Main Page

DEPRECATION: Using `should` from rspec-expectations' old `:should` syntax without explicitly enabling the syntax is deprecated. Use the new `:expect` syntax or explicitly enable `:should` with `config.expect\_with(:rspec) { |c| c.syntax = :should }` instead. Called from /Users/Master/Documents/workspace/tulingzh\_CSCI310\_Project2/features/step\_definitions/collage\_css.rb:2:in `block in <top (required)>'.

### Scenario: test the existence of topic input box, shape input box, build collage button and save button

Then I should see a topic input box

And I should see a collage shape input box

And I should see a build collage button

And I should see a export collage button

And I should see a save to history button

### Scenario: test the existence of collage options

Then I should see a width input box

And I should see a height input box

And I should see four filter options BW, Grayscale, Sepia and No Filter

And I should see two checkboxes Add Border and Add Rotation

### Scenario: test place holder of input boxes

Then I should see placeholder in topic input box

And I should see placeholder in collage shape input box

And I should see placeholder in width input box

And I should see placeholder in height input box

## Feature: Collage Image Options

### Background:

Given I am on the Login Page  
When html loads  
When id is "username" with input "tester"  
When id is "password" with input "test"  
And "go" button is clicked  
Then I should be redirected to "Main.jsp"  
Given I am on the Main Page

### Scenario Outline: Different Image Options

When id is "topic" with input "<topic>"  
When id is "lettershape" with input "<lettershape>"  
When id is "width" with input "<width>"  
When id is "height" with input "<height>"  
When radio is "filter" with value "<filter>"  
When checkbox "border" is "<border>"  
When checkbox "rotation" is "<rotation>"  
And "go" button is clicked  
Then I should see a loader animation  
Then I should see a collage image  
Then collage "lettershape" is "<lettershape>"  
Then collage size has width of "<width>" and height of "<height>"  
Then collage "filter" is "<filter>"  
Then collage "border" is "<border>"  
Then collage "rotation" is "<rotation>"

### Examples:

topic	lettershape	width	height	filter	border	rotation	
usc	usc	400	200	bw	yes	no	
dog	cat	300	300	sepia	no	yes	
pig	star	500	500	grayscale	yes	yes	
stars	hi	500	500	nofilter	no	no	

## Feature: History options

### Background: 1 images saved

Given I am on the Login Page  
When html loads  
When id is "username" with input "tester"  
When id is "password" with input "test"  
And "go" button is clicked  
Then I should be redirected to "Main.jsp"  
Given I am on the Main Page  
When id is "topic" with input "usc"  
When id is "lettershape" with input "usc"  
When id is "width" with input "300"  
When id is "height" with input "200"  
When radio is "filter" with value "nofilter"  
When checkbox "border" is "check"  
When checkbox "rotation" is "uncheck"  
And "go" button is clicked  
Then I should see a loader animation  
Then I should see a collage image  
And "save" button is clicked  
Then I should see "1" images displayed under history collage area

### Scenario: 2 images saved and clicking first image displays first image on main collage space

When inputs are cleared

When id is "topic" with input "dog"  
When id is "lettershape" with input "cat"  
When id is "width" with input "300"  
When id is "height" with input "200"  
When radio is "filter" with value "sepia"  
When checkbox "border" is "check"  
When checkbox "rotation" is "uncheck"  
When checkbox "rotation" is "uncheck"  
And "go" button is clicked  
Then I should see a loader animation  
Then I should see a collage image  
And "save" button is clicked  
Then I should see "2" images displayed under history collage area

When the "1" image is clicked

Then the "1" image is shown in the main collage space with width "300" and height "200"

[features/step\\_definitions/collage.rb:48](#)

Scenario: 2 images saved and clicking first image displays first image on main collage space

```
When inputs are cleared
When id is "topic" with input "dog"
When id is "lettershape" with input "cat"
When id is "width" with input "300"
When id is "height" with input "200"
When radio is "filter" with value "sepia"
When checkbox "border" is "check"
When checkbox "rotation" is "unchecked"
And "go" button is clicked
Then I should see a loader animation
Then I should see a collage image
And "save" button is clicked
Then I should see "2" images displayed under history collage area
When the "1" image is clicked
Then the "1" image is shown in the main collage space with width "300" and height "200"
```

Scenario: 2 images saved and deleting the second image removes it from the history bar and the database but first image remains

```
When inputs are cleared
When id is "topic" with input "dog"
When id is "lettershape" with input "cat"
When id is "width" with input "300"
When id is "height" with input "200"
When radio is "filter" with value "sepia"
When checkbox "border" is "check"
When checkbox "rotation" is "unchecked"
And "go" button is clicked
Then I should see a loader animation
Then I should see a collage image
And "save" button is clicked
Then I should see "2" images displayed under history collage area
When the "2" image is deleted
Then I should see "1" images displayed under history collage area
Given I am on the Login Page
When html loads
When id is "username" with input "tester"
When id is "password" with input "test"
And "go" button is clicked
Then I should be redirected to "Main.jsp"
Given I am on the Main Page
Then I should see "1" images displayed under history collage area
```

Feature: Less than 30 images found

Background:

```
Given I am on the Main Page
Given error shown
When id is "lettershape" with input "usc"
When id is "width" with input "300"
When id is "height" with input "200"
When radio is "filter" with value "nofilter"
When checkbox "border" is "check"
When checkbox "rotation" is "uncheck"
And "go" button is clicked
```

Scenario: insufficient error

```
Then I should see that "Insufficient number of images found" should be returned to the user in the main collage space
```

Feature: Download option

Background: 1 image loaded

```
Given I am on the Login Page
When html loads
When id is "username" with input "tester"
When id is "password" with input "test"
And "go" button is clicked
Then I should be redirected to "Main.jsp"
Given I am on the Main Page
When id is "topic" with input "astronaut"
When id is "lettershape" with input "usc"
When id is "width" with input "300"
When id is "height" with input "200"
When radio is "filter" with value "nofilter"
When checkbox "border" is "check"
When checkbox "rotation" is "uncheck"
And "go" button is clicked
Then I should see a loader animation
Then I should see a collage image
```

Scenario: Export functionality where image is downloaded to user's designated folder

```
And "exportbutton" button is clicked
```

```
Then "astronaut" image is downloaded to folder "/Users/Master/Downloads/" with a width of "300" and height of "200"
```

```
  /Users/Master/Downloads/astronaut.png
```

```
  uninitialized constant ImageSize (NameError)
```

```
  ../features/step_definitions/collage.rb:163:in `/'^("[^"]*)" image is downloaded to folder "("[^"]*)" with a width of "("[^"]*)" a  
nd height of "("[^"]*)"$/'
```

```
  features/collage/F6_8_export.feature:25:in `Then "astronaut" image is downloaded to folder "/Users/Master/Downloads/" with a w  
idth of "300" and height of "200"'
```

Failing Scenarios:

cucumber features/collage/F1\_6\_user\_authentication.feature:7

cucumber features/collage/F1\_6\_user\_authentication.feature:15

cucumber features/collage/F6\_8\_export.feature:23

16 scenarios (3 failed, 13 passed)

241 steps (3 failed, 238 passed)