

NXTFolio – Iteration 2

Team Members

- Balmaseda del Campo, Vicente – Scrum Master
- Fletcher, Lance
- Jain, Ayushri – Product Owner
- Li, Baichuan
- Li, Wenyan
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Links

GitHub: <https://github.com/vibalcam/match-my-fashion-public-CodeCreators>

Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2630237>

Heroku Deployment: <http://nxt-folio.herokuapp.com/>

Client Meeting

Customer Meeting: Zoom, Friday, 6pm

Completed User Stories & Tasks

Legacy cucumber tests use selenium_chrome webdriver which does not work on docker nor E2C

The legacy code used selenium_chrome webdriver to run cucumber tests. However, this was not working on docker nor E2C AWS. This entailed that we had to do the testing locally, which went against the idea of using the same system to develop to avoid compatibility issues. We looked for ways to make it work and finally ended up using docker compose to combine our app container with a selenium docker container where to test the app and observe what the cucumber tests are doing. We added a configuration variable to enable the remote webdriver or disable it to test locally (it is disabled by default). This entailed setting up the webdriver correctly in `features/support/env.rb` and adding a new configuration variable to `config/environments/test.rb` to enable or disable the remote webdriver for

testing. We also used this opportunity to include in the app's Dockerfile the setting to run the postgres dataset at startup.

S3 Bucket Integration

The previous team had tried to set up Amazon S3 bucket but stated they were unsuccessful in their final document. The previous team also mentioned that they experienced difficulties deploying the app. They said the app would crash one-to-two days after it was deployed. We suspect this had to do with the S3 bucket storage not being configured properly. We believe the app would store images locally in the tmp folder on Heroku. Heroku will automatically wipe data in the tmp directory every one or two days. We believe the app would store images locally, and then when it attempted to retrieve these images they would not exist.

S3 bucket has now been successfully integrated into the application. Images can now be uploaded and retrieved from the bucket. The bucket has the proper security permissions in place so that only the application (which has the necessary API keys) is able to upload images to the bucket.

Refactoring To Do List

After refactoring was discussed in our class lecture, we decided as a group that we should focus on refactoring certain parts of the code base. We believe this is important because it will make the code easier to understand and thus allow for quicker debugging and development. More details are contained within the "NXTFolio Refactor Doc".

Form should keep its input when submit fails

During sign up, there are multiple fields that must be completed. Before, when submitting the form failed, those fields got erased and had to be filled again. This is very time consuming and not a good user experience, since there are quite a number of them, and some can be even long descriptions. Instead, we have modified the legacy code so the information that has been written is kept there even when submit fails so it can be easily corrected and resubmitted. The tests for this part can be found in ``features/sign_in_up.feature``.

Moreover, the legacy code ignored the email field and used the email saved in the session from before. We changed this to use the email provided in the form (which was the last email provided).

Testing sign up and log in

The legacy code has no testing for log in and sign up features. We have included 5 completely new tests for both happy and sad paths for the sign up and log in features.

Low-fi mockups for job posting and travel feature

The client has asked us to add 2 features to the application – job posting and travel. So, in this user story, we created low-fi mockups for the same. We have kept it as a 0-pointer story.

Travel Feature

As asked by the client, a new feature for displaying travel details has been added. Professionals can go to their profile and click on Edit Travel Info in the dropdown menu of Edit Profile and add their upcoming travel details. The same information is visible on their profile page which other users can also see. This is the first step of this feature and in the later iterations, we need to update search engine so that if any user

searches for users in a city and a professional is traveling to that city within 30 days, then his/her details should pop up in their search results. We have added test cases for this new feature and expect to add more test cases in the next iteration.

User Stories Moved to Iteration 3

Home Button

The buttons in each category at the bottom of the page act as filter buttons to quickly navigate to a page with a list of their respected category. Previously, the buttons fire, but did not navigate to a new page. Test cases have been created and are still being created for all 19 buttons.

Even though the feature is ready, we are still working on testing it. Thus, we have decided to push its delivery for next iteration.

Tests

Sign up and log in (features/sign_in_up.feature)

1. Tested access to the login page
2. Tested creating an account
3. Tested failure when not filling all fields during signup, but it keeps the field values for making resubmitting easier
4. Tested sad path when email already exists
5. Tested login
6. Tested sad path when the wrong password is given

```
# Sign in and up Feature
Features:
  As a fashion industry professional
  So that I can share my profile with other fashion industry professionals
  I want to create and login my account with Facebook or Google

Background: users in database # features/sign_in_up.feature:8
  Given the following users exist # features/step_definitions/general_steps.rb:3
    | email | password |
    | Andrea.Picardo | Test1234 |

Scenario: When I press log in button I should be redirected to login page # features/sign_in_up.feature:13
  Given I am on the login page # features/step_definitions/general_steps.rb:44
  When I click on "Sign in" # features/step_definitions/general_steps.rb:76
  Then I should be on the login page # features/step_definitions/general_steps.rb:39

Scenario: When new user attempts to create an account, account should be successfully created # features/sign_in_up.feature:18
  Given I am on the login page # features/step_definitions/g
  When I fill in the following: # features/step_definitions/g
    | email | password |
    | test@example.com | Test1234 |
  And I click on "SIGN UP" # features/step_definitions/g
  Then I should be on new_general_info # features/step_definitions/g
  When I fill in the following: # features/step_definitions/g
    | first_name | last_name | Test |
    | company | Testable | Testable |
    | highlights | Not much | Not much |
    | email_addr | test@example.com |
  And I select "Creator" from "general_info_industry" # features/step_definitions/g
  And I select "Creators" from "general_info_name" # features/step_definitions/g
  And I select "United States" from "country" # features/step_definitions/g
  And I select "Texas" from "state" # features/step_definitions/g
  And I select "Austin" from "city" # features/step_definitions/g
  And I click on "SAVE AND CONTINUE" # features/step_definitions/g
  And I should be on the second signup page # features/step_definitions/g
  When I fill in the following: # features/step_definitions/g
    | email | password |
    | test@example.com | Test1234 |
  And I click on "SIGN UP" # features/step_definitions/g
  Then I should be on the profile page # features/step_definitions/g
  When I click on "SAVE AND GO TO PROFILE" # features/step_definitions/g
  Then I should be on the profile page # features/step_definitions/g
  And "Test" should be added to the GeneralInfo database # features/step_definitions/g

Scenario: When new user does not fill all fields, submit has an error but keeps text fields # features/sign_in_up.feature:4
  Given I am on the login page # features/step_definitions/g
  When I fill in the following: # features/step_definitions/g
    | email | password |
    | test@example.com | Test1234 |
  And I click on "SIGN UP" # features/step_definitions/g
  Then I should be on new_general_info # features/step_definitions/g
  When I fill in the following: # features/step_definitions/g
    | first_name | last_name | Test |
    | company | Testable | Testable |
    | highlights | Not much | Not much |
    | email_addr | test@example.com |
  And I click on "SAVE AND CONTINUE" # features/step_definitions/g
  Then I should be on new_general_info # features/step_definitions/g
  And "Test" should not be added to the GeneralInfo database # features/step_definitions/g
  And I should see the following fields: # features/step_definitions/g
    | email | password |
    | test@example.com | Test1234 |
```

```

| First_name | Test |
| Last_name | Testable |
| Company | Testing For Test |
| Highlights | Not much |
| EmailAddr | Test@example.com |

Scenario: When new user attempts to create an account with existing email, account creation should fail # features/sign_in
  Given I am on the login page # features/step_def
  When I fill in the following: # features/step_def
    | sign_up_email | Test1234 |
    | sign_up_password | Andrea.Picard@example.com |
    | sign_up_confirm | Test1234 |
  And I click on "SIGN UP" # features/step_def
  Then I should be on the home page # features/step_def
  And I should see "Email already exists" # features/step_def

Scenario: When existing user attempts to sign in with correct password, sign in successfully processes # features/sign_in
  Given I am on the login page # features/step_def
  When I fill in the following: # features/step_def
    | login_email | Andrea.Picard@example.com |
    | login_password | Test1234 |
  And I click on "SIGN IN" # features/step_def
  Then I should be on the login_info page # features/step_def
  And I should see "The Credentials You Provided Are Not Valid" # features/step_def

Scenario: When existing user attempts to sign in with incorrect password, sign in successfully processes # features/sign_in
  Given I am on the login page # features/step_def
  When I fill in the following: # features/step_def
    | login_email | Andrea.Picard@example.com |
    | login_password | Test1234 |
  And I click on "SIGN IN" # features/step_def
  Then I should be on the login_info page # features/step_def
  And I should see "The Credentials You Provided Are Not Valid" # features/step_def

Scenario: When new user attempts to create an account, account creation fails # features/sign_in
  Given I am on the landing page # features/step_def
  When I follow "Sign In/Up" button # features/step_def
  And I press "Fashion's Loop" # features/step_def
  Then I should not be added to the GeneralInfo database # features/step_def
  Given I am on the landing page # features/step_def
  When I follow "Sign In/Up" button # features/step_def
  And I press "Facebook" button # features/step_def
  Then my username should appear in the landing page # features/step_def

6 scenarios (6 passed)
52 steps (52 passed)
0m34.563s

```

Home Buttons (features/home_buttons.feature)

As we have already mentioned, these tests are a work in progress. However, we have already implemented the following:

1. Tested function of home buttons in creator's category
2. Tested function of buttons in services category
3. Tested function of buttons in makers category

```

# Home Button feature

Feature: Able to navigate to the respective quick links of home buttons

  As a user, I want to be able to access a list of candidates after clicking a quick link home button

  Scenario: When logged in, I want to be able to access random lists of users for different categories

    Given I am on the FashionNxt home page
    # Creators Tab
    When I click on brand owner button
    Then I should see a list of brand owners

    When I click on designer button
    Then I should see a list of designers

    When I click on other creator button
    Then I should see a list of creators

```

Rspec tests

1. The rspec tests were not running due to syntax errors at several places.
2. Therefore, corrected the syntax errors and removed redundant tests.
3. Result: **rake spec** runs now and generates coverage report.

```

Check the "Autoloading and Reloading Constants" guide to learn more about how
Rails autoloading and reloads.
(called from <top (required)> at /Users/ajain/Learning/CSCE606/Project/latest/match-my-fashion-public-CodeCreators/config/
.....FF..F..FF.....*****FF*****F..*****F..*F.....

Pending: (Failures listed here are expected and do not affect your suite's status)

  1) RoomHelper add some examples to (or delete) /Users/ajain/Learning/CSCE606/Project/latest/match-my-fashion-public-CodeCreators/Room_helper_spec.rb
     # Not yet implemented
     # ./spec/helpers/Room_helper_spec.rb:14

  2) GalleryHelper add some examples to (or delete) /Users/ajain/Learning/CSCE606/Project/latest/match-my-fashion-public-CodeCreators/gallery_helper_spec.rb
     # Not yet implemented
     # ./spec/helpers/gallery_helper_spec.rb:14

  3) MessagesHelper add some examples to (or delete) /Users/ajain/Learning/CSCE606/Project/latest/match-my-fashion-public-CodeCreators/messages_helper_spec.rb
     # Not yet implemented
     # ./spec/helpers/messages_helper_spec.rb:14

  4) ReviewsHelper add some examples to (or delete) /Users/ajain/Learning/CSCE606/Project/latest/match-my-fashion-public-CodeCreators/reviews_helper_spec.rb
     # Not yet implemented
     # ./spec/helpers/reviews_helper_spec.rb:14

```

Travel test (features/travel.feature)

1. Tested access to travel information page
2. Tested adding travel details

```
Given I am a professional and want to add my travel information # features/step_definitions/travel_steps.rb:1
sessions current_user_keyB24789191a178b5276e
#GeneralInfo id: 2, userKey: "B24789191a178b5276e", first_name: "Anthony", last_name: "Gray", month_of_birth: nil, day_of_birth: nil, year_of_birth: nil, gender: nil, company: "TestInc", highlights: "Just a test User", industry: "Fashion", country: "United States", state: "Texas", city: "College Station", compensation: nil, facebook_link: nil, linkedin_link: nil, instagram_link: nil, personalwebsite_link: nil, bio: nil, created_at: "2023-03-11 01:31:18.259356000 -0800", updated_at: "2023-03-11 04:08:09.138200000 -0800", specific_profile_id: nil, profile_picture: "Anthony-Gray.jpg", cover_picture: nil, gallery_pictures: nil, template_id: nil, specific_profile: nil, phone: nil, latitude: 30.3955289, longitude: -96.3971842, job_attr: {}, job_name: "Model", is_admin: nil, email: nil, specializations: nil, prodetails: nil, experience: nil, emailaddr: "Anthony.Gray@example.com", notification: false, notification_from: {}, travel_country: "United States", travel_state: "Massachusetts", travel_city: "Boston", travel_start: "2023-03-01", travel_end: "2023-10-01", travel_details: "Visiting family. Connect with me!"
unknown profile type! Profile type given:
nil
()
And I want to add my travel information # features/step_definitions/travel_steps.rb:10
When I click on "Edit Travel Info" from the menu # features/step_definitions/travel_steps.rb:14
Then I should be able to see the travel info edit page # features/step_definitions/travel_steps.rb:20

Scenario: I can save my travel details
# features/travel.feature:32
sessions current_user_keyB24789191a178b5276e
#GeneralInfo id: 2, userKey: "B24789191a178b5276e", first_name: "Anthony", last_name: "Gray", month_of_birth: nil, day_of_birth: nil, year_of_birth: nil, gender: nil, company: "TestInc", highlights: "Just a test User", industry: "Fashion", country: "United States", state: "Texas", city: "College Station", compensation: nil, facebook_link: nil, linkedin_link: nil, instagram_link: nil, personalwebsite_link: nil, bio: nil, created_at: "2023-03-11 01:31:18.259356000 -0800", updated_at: "2023-03-11 04:08:09.138200000 -0800", specific_profile_id: nil, profile_picture: "Anthony-Gray.jpg", cover_picture: nil, gallery_pictures: nil, template_id: nil, specific_profile: nil, phone: nil, latitude: 30.3955289, longitude: -96.3971842, job_attr: {}, job_name: "Model", is_admin: nil, email: nil, specializations: nil, prodetails: nil, experience: nil, emailaddr: "Anthony.Gray@example.com", notification: false, notification_from: {}, travel_country: "United States", travel_state: "Massachusetts", travel_city: "Boston", travel_start: "2023-03-01", travel_end: "2023-10-01", travel_details: "Visiting family. Connect with me!"
unknown profile type! Profile type given:
nil
()
Given I am a professional and want to add my travel information # features/step_definitions/travel_steps.rb:1
sessions current_user_keyB24789191a178b5276e
#GeneralInfo id: 2, userKey: "B24789191a178b5276e", first_name: "Anthony", last_name: "Gray", month_of_birth: nil, day_of_birth: nil, year_of_birth: nil, gender: nil, company: "TestInc", highlights: "Just a test User", industry: "Fashion", country: "United States", state: "Texas", city: "College Station", compensation: nil, facebook_link: nil, linkedin_link: nil, instagram_link: nil, personalwebsite_link: nil, bio: nil, created_at: "2023-03-11 01:31:18.259356000 -0800", updated_at: "2023-03-11 04:08:09.138200000 -0800", specific_profile_id: nil, profile_picture: "Anthony-Gray.jpg", cover_picture: nil, gallery_pictures: nil, template_id: nil, specific_profile: nil, phone: nil, latitude: 30.3955289, longitude: -96.3971842, job_attr: {}, job_name: "Model", is_admin: nil, email: nil, specializations: nil, prodetails: nil, experience: nil, emailaddr: "Anthony.Gray@example.com", notification: false, notification_from: {}, travel_country: "United States", travel_state: "Massachusetts", travel_city: "Boston", travel_start: "2023-03-01", travel_end: "2023-10-01", travel_details: "Visiting family. Connect with me!"
unknown profile type! Profile type given:
nil
()
And I want to add my travel information # features/step_definitions/travel_steps.rb:10
When I click on "Edit Travel Info" from the menu # features/step_definitions/travel_steps.rb:14
Then I should be able to see the travel info edit page # features/step_definitions/travel_steps.rb:20
When I fill in the travel form with details # features/step_definitions/travel_steps.rb:24
sessions current_user_keyB24789191a178b5276e
#GeneralInfo id: 2, userKey: "B24789191a178b5276e", first_name: "Anthony", last_name: "Gray", month_of_birth: nil, day_of_birth: nil, year_of_birth: nil, gender: nil, company: "TestInc", highlights: "Just a test User", industry: "Fashion", country: "United States", state: "Texas", city: "College Station", compensation: nil, facebook_link: nil, linkedin_link: nil, instagram_link: nil, personalwebsite_link: nil, bio: nil, created_at: "2023-03-11 01:31:18.259356000 -0800", updated_at: "2023-03-11 04:08:09.138200000 -0800", specific_profile_id: nil, profile_picture: "Anthony-Gray.jpg", cover_picture: nil, gallery_pictures: nil, template_id: nil, specific_profile: nil, phone: nil, latitude: 30.3955289, longitude: -96.3971842, job_attr: {}, job_name: "Model", is_admin: nil, email: nil, specializations: nil, prodetails: nil, experience: nil, emailaddr: "Anthony.Gray@example.com", notification: false, notification_from: {}, travel_country: "United States", travel_state: "Washington", travel_city: "Seattle", travel_start: "2023-04-01", travel_end: "2023-05-01", travel_details: "Attending a conference. Reach out to me!"
unknown profile type! Profile type given:
nil
()
And I click on "SAVE AND GO TO PROFILE" button # features/step_definitions/travel_steps.rb:33
Then I should see my travel details on my profile page # features/step_definitions/travel_steps.rb:37
And my travel details should include "United States, Washington, Seattle, 2023-04-01, 2023-05-01, Attending a conference. Reach out to me!" # features/step_definitions/travel_steps.rb:41
# Not to be implemented
#Scenario: If I save my travel details, others can see them
# Given I am a professional and I add my travel information
# When another user visits my profile
# Then that user should be able to see my travel information

2 scenarios (2 passed)
13 steps (12 passed)
0m10.182s
```

Initial coverage report generated on 3rd March 2023 -

Generated 17 minutes ago

All Files (9.69%) Controllers (11.92%) Channels (0.0%) Models (4.91%) Mailers (0.0%) Helpers (100.0%) Jobs (0.0%) Libraries (100.0%) Ungrouped (0.0%)

All Files (9.69% covered at 0.35 hits/line)

55 files in total.
1971 relevant lines, 191 lines covered and 1780 lines missed. (9.69%)

Search:

File	% covered	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
app/channels/application_cable/channel.rb	0.00 %	4	4	0	4	0.00
app/channels/application_cable/connection.rb	0.00 %	4	4	0	4	0.00
app/controllers/admin/admin_controller.rb	0.00 %	150	115	0	115	0.00
app/controllers/edit_job_controller.rb	0.00 %	143	103	0	103	0.00
app/controllers/galleries_controller.rb	0.00 %	68	44	0	44	0.00
app/controllers/password_resets_controller.rb	0.00 %	57	36	0	36	0.00
app/controllers/reviews_controller.rb	0.00 %	71	46	0	46	0.00
app/controllers/room_controller.rb	0.00 %	111	86	0	86	0.00
app/controllers/specific_designer_controller.rb	0.00 %	108	73	0	73	0.00
app/controllers/specific_model_controller.rb	0.00 %	106	73	0	73	0.00
app/controllers/specific_photographer_controller.rb	0.00 %	100	78	0	78	0.00
app/controllers/turbo_devise_controller.rb	0.00 %	18	17	0	17	0.00
app/controllers/users/omniauth_callbacks_controller.rb	0.00 %	65	26	0	26	0.00
app/jobs/application_job.rb	0.00 %	2	2	0	2	0.00
app/mailers/application_mailer.rb	0.00 %	4	4	0	4	0.00

Current coverage report generated on 10th March 2023 -

Generated about an hour ago

All Files (14.4%) Controllers (19.47%) Channels (0.0%) Models (4.98%) Mailers (0.0%) Helpers (100.0%) Jobs (0.0%) Libraries (100.0%) Ungrouped (0.0%)

All Files (14.4% covered at 0.54 hits/line)

55 files in total.
1965 relevant lines, 283 lines covered and 1682 lines missed. (14.4%)

Search:

File	% covered	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
app/channels/application_cable/channel.rb	0.00 %	4	4	0	4	0.00
app/channels/application_cable/connection.rb	0.00 %	4	4	0	4	0.00
app/controllers/admin/admin_controller.rb	0.00 %	150	115	0	115	0.00
app/controllers/edit_job_controller.rb	0.00 %	143	103	0	103	0.00
app/controllers/galleries_controller.rb	0.00 %	68	44	0	44	0.00
app/controllers/password_resets_controller.rb	0.00 %	57	36	0	36	0.00
app/controllers/reviews_controller.rb	0.00 %	71	46	0	46	0.00
app/controllers/room_controller.rb	0.00 %	111	86	0	86	0.00
app/controllers/specific_designer_controller.rb	0.00 %	108	73	0	73	0.00
app/controllers/specific_model_controller.rb	0.00 %	106	73	0	73	0.00
app/controllers/specific_photographer_controller.rb	0.00 %	100	78	0	78	0.00
app/controllers/turbo_devise_controller.rb	0.00 %	18	17	0	17	0.00
app/controllers/users/omniauth_callbacks_controller.rb	0.00 %	65	26	0	26	0.00
app/jobs/application_job.rb	0.00 %	2	2	0	2	0.00
app/mailers/application_mailer.rb	0.00 %	4	4	0	4	0.00

Design diagram for this iteration

The design diagram for the app has not changed on Iteration2. To make it easier to access, we are including the design diagram provided in Iteration1, which is also the design diagram for the current iteration.