**Beet Seed:**

1. **Test the UI/UX functionality of the “Petsmart” website on a mobile device.**

**Create 5 corresponding bug reports in any document.**

| **Title/Summary** | Organization of navigation menu items is inconsistent with site |
| --- | --- |
| **Status** | Open *(bug report is submitted and waiting to be assigned)* |
| **Author** | Sofia Moura |
| **Environment** | Iphone 12 Pro |
| **Description** | **Steps to reproduce**  1. Open <https://www.petsmart.com/> on browser  2. Click on the hamburger menu on the top right-side of the screen  **Actual result:**  The options “Dog”, “Cat”, “Fish”, “Bir”, “Reptile”, “Small Pet”, “Farm Animal” and “Pharmacy” are displayed directly in the menu instead of in a pet category  **Expected result:**  All Pet options are, firstly, in a category called “Shop by Pet” that then would expand to each pet possibilities (dog, cat, etc.) |
| **Attachments** | Iphone 12 Pro Screenshot Desktop Screenshot |
| **Severity** | Minor |
| **Priority** | Low |

| **Title/Summary** | **Not able to add a product to the Cart** |
| --- | --- |
| **Status** | Open *(bug report is submitted and waiting to be assigned)* |
| **Author** | Sofia Moura |
| **Environment** | Iphone 12 Pro |
| **Description** | **Steps to reproduce**  1. Open <https://www.petsmart.com/> on browser  2. In the homepage, scroll down to the “Shop by Pet” section  3. In “Shop by Pet” section click on “Dog”  4. On the next page, click on “Dry Food” in “Shop Food & Treats”  5. Scroll down and select the product called “Purina Pro Plan Sensitive Skin & Stomach Adult Dry Dog Food - Salmon & Rice”  8. In the product page, click on “Shipping”  9. Select “2” in Quantity field  10. Click on the button “Add to Cart”  **Actual result:**  The message on the button says “Error”  **Expected result:**  The message on the button says “Added to Cart” |
| **Attachments** |  |
| **Severity** | Critical |
| **Priority** | High |

| **Title/Summary** | In “Create Account” section, the description name of the field and input result are overlapping each other |
| --- | --- |
| **Status** | Open *(bug report is submitted and waiting to be assigned)* |
| **Author** | Sofia Moura |
| **Environment** | Iphone 12 Pro |
| **Description** | **Steps to reproduce**  1. Open <https://www.petsmart.com/> on browser  2. Click on the hamburger menu on the top right-side of the screen  3. On the hamburger menu, scroll down and click on “Create Account”  4. On the opened page, scroll down and click on “Create an Account” blue button  5. Insert on the “first name” field “sofia”  6. Insert on the “last name” field “moura”  7. Insert on the “email address” and “confirm email address” field “sofiamoura7@hotmail.com”  8. Insert on “password” and “confirm password” the password “sofiatest2023october27”  **Actual result:**  The description name of the field and input result added are overlapping each other  **Expected result:**  The input result is below the description name of the field |
| **Attachments** |  |
| **Severity** | Major |
| **Priority** | Medium |

| **Title/Summary** |  |
| --- | --- |
| **Status** | Open *(bug report is submitted and waiting to be assigned)* |
| **Author** | Sofia Moura |
| **Environment** | Iphone 12 Pro |
| **Description** | **Steps to reproduce**  **Steps to reproduce**  1. Open <https://www.petsmart.com/> on browser  2. Click on the hamburger menu on the top right-side of the screen  3. On the hamburger menu, scroll down and click on “Create Account”  4. On the opened page, scroll down and click on “Create an Account” blue button  5. Insert on the “first name” field “sofia”  6. Insert on the “last name” field “moura”  7. Insert on the “email address”  **Actual result:**  A pop-up appears with an error message saying Facebook login is not available outside the US&CA  **Expected result:**  The user is able to move to the next field without a pop-up with error message appearing |
| **Attachments** |  |
| **Severity** | Critical |
| **Priority** | High |

| **Title/Summary** | “Search Location” in Careers is not working |
| --- | --- |
| **Status** | Open *(bug report is submitted and waiting to be assigned)* |
| **Author** | Sofia Moura |
| **Environment** | Iphone 12 Pro |
| **Description** | **Steps to reproduce**  1. Open <https://www.petsmart.com/> on browser  2. On the homepage, scroll down until the footer of the website  3. On the footer, Click on “Careers”  4. On the “Search Keyword” insert “dog”  5. On Search location select the drop-down option “Use my current location”  **Actual result:**  The “Search Location” field is blank  **Expected result:**  The “Search Location” field displays the location of the user |
| **Attachments** |  |
| **Severity** | Major |
| **Priority** | Medium |

**Beet Sprout:**

**2. Find 3 bugs on the “VolkswagenParts” website. Add their bug reports to the document from the previous level.**

**In the bug reports, place screenshots/videos showing that the testing was performed from the emulator.**

| **Title/Summary** | “Remove item” is unaligned with quantity input field on Cart page |
| --- | --- |
| **Status** | Open *(bug report is submitted and waiting to be assigned)* |
| **Author** | Sofia Moura |
| **Environment** | Iphone 12 Pro |
| **Description** | **Steps to reproduce**  1. Open <https://www.vwparts.nyc/> on a browser  2. Enter on the search bar “Digital Media Adapter”  3. Scroll down and click and click on the first product that appears  4. On the product page click on “Add to Cart”  5. Click on “View Cart” on the pop–up  **Actual result:**  “Remove item” is below the quantity input field  **Expected result:**  “Remove item” should be aligned with the quantity input field |
| **Attachments** |  |
| **Severity** | High |
| **Priority** | Medium |

| **Title/Summary** | Error message in Cart Page can’t be removed |
| --- | --- |
| **Status** | Open *(bug report is submitted and waiting to be assigned)* |
| **Author** | Sofia Moura |
| **Environment** | Iphone 12 Pro |
| **Description** | **Steps to reproduce**  1. Open <https://www.vwparts.nyc/> on a browser  2. Enter on the search bar “Digital Media Adapter”  3. Scroll down and click and click on the first product that appears  4. On the product page click on “Add to Cart”  5. Click on “View Cart” on the pop–up  6. On “View Cart” page, select “2018” on top banner that says “Confirm this fits your Volkswagen”  7. Select “Tinguan Limited” for the car option  8. Click on the cross in the red error message for “This does not fit your 2018 Volkswagen Tiguan Limited”  **Actual result:**  The cross in the red error message is unresponsive  **Expected result:**  The red error message disappears once the cross is clicked |
| **Attachments** |  |
| **Severity** | High |
| **Priority** | Medium |

| **Title/Summary** | “Email Us” button doesn’t work on the Cart Page |
| --- | --- |
| **Status** | Open *(bug report is submitted and waiting to be assigned)* |
| **Author** | Sofia Moura |
| **Environment** | Iphone 12 Pro |
| **Description** | **Steps to reproduce**  **Steps to reproduce**  1. Open <https://www.vwparts.nyc/> on a browser  2. Enter on the search bar “Digital Media Adapter”  3. Scroll down until “Volkswagen Of Manhattan”  4. Click on “Email Us”  **Actual result:**  “Email Us” button is unresponsive  **Expected result:**  “Email Us” opens the default email application on the phone |
| **Attachments** |  |
| **Severity** | Critical |
| **Priority** | High |

**Mighty Beet:**

**3. Install the “Instagram” app to your mobile device. Create a checklist for testing this app with sections for different types of testing.**

**3.1 The checklist should contain at least 4 types of testing and at least 5 tests of each type.**

**Checklist:**

1. Successfully login in Instagram - *(Functional Testing)*

2. Failed to login with invalid password in Instagram - *(Functional Testing)*

3. Successfully recover password in Instagram - *(Functional Testing)*

4. Successfully change profile picture *(Functional* - *Testing)*

5. Failed to recover password due to invalid email - *(Functional Testing)*

6. Successfully login occurs under 2 seconds - *(Performance Testing)*

7. Successfully change profile picture occurs under 3 seconds - *(Performance Testing)*

8. Successfully post a picture occurs under 6 seconds - *(Performance Testing)*

9. Successfully change the username should occur in 4 seconds - *(Performance Testing)*

10. 10,000 users login simultaneously successfully - (Performance Testing)

11.After 30 failed login attempts with invalid password, account is blocked - *(SecurityTesting)*

12. Password characters are masked when entered - *(SecurityTesting)*

13. Failed to create an account with a password does not meet requirements - (*SecurityTesting)*

14. Failed to create an account entering a date of birth for under 2010 (under 13 year old) - *(SecurityTesting)*

15. Failed to create an account without agreeing to Instagram Terms and Conditions - (*SecurityTesting)*

16. Application layout adapts to different devices and screen sizes - *(GUI Testing)*

17. There are no spelling errors in the application - *(GUI Testing)*

18. The error messages are red in color - *(GUI Testing)*

19. Beta features have a blue button with “New” next to them - *(GUI Testing)*

20. The username on the profile page has the right font as described in requirements - *(GUI Testing)*

**Side Note:** I realized the purpose of the exercise was not creating Test Cases, however, because of misinterpretation on my side, I started to create them. Please feel free to ignore the test cases.

**Functional Testing:**

| **(1) Successfully Login in Instagram** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test | |
| **Priority:** Critical | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 3. Enter the password “testsuccess123” | Password is entered |
| 4. Click on the “Login” button | Successfully login in Instagram |

| **(2) Failed to login with invalid password in Instagram** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test | |
| **Priority:** High | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 3. Enter the password “testfail” | Password is entered |
| 4. Click on the “Login” button | Pop-up error message with “Wrong password” appears |

| **(3) Successfully Recover Password in Instagram** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Access to the email test account | |
| **Priority:** Critical | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 3. Click on the “Forgot your password?” button |  |
| 4. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 5. Open the email account for “sofiamoura7@hotmail.com” | Email account is opened |
| 6. Open instagram email and copy the code in the email | Code is copied |
| 7. Enter the code on “Insert Code” field in Instagram | Code is entered |
| 8. Enter password “ “testsuccess123” | Password is entered |
| 9. Click on “Continue” button | Successfully login in Instagram |

| **(4) Successfully Change Profile Picture** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Tester is already login in Instagram | |
| **Priority:** Medium | |
| **Steps** | **Expected Results** |
| 1. Click on the User Icon on the far-left button in Instagram | Personal profile opened |
| 2. Click on the “Edit” button below the profile picture | Edit profile frame opened |
| 3. Click on “Change your profile picture” below the profile picture | New frame opened on the button of the screen |
| 4. Select “Choose from library” | Image library opened |
| 5. Click on “Done” button | Profile picture changed |

| **(5) Failed to recover password due to invalid email** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Access to the email test account | |
| **Priority:** Medium | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Enter the email “sofiamoura7fail@hotmail.com” | Email is entered |
| 3. Click on the “Forgot your password?” button |  |
| 4. Enter the email “sofiamoura7fail@hotmail.com” | Pop error message with “No account found” appeared |

**Non-Functional Testing - Performance:**

| **(1) Login occurs under 2 seconds** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test | |
| **Priority:** Critical | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 3. Enter the password “testsuccess123” | Password is entered |
| 4. Click on the “Login” button | Successfully login under 2 seconds |

| **(2) Change profile picture occurs under 3 seconds** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Tester is already login in Instagram | |
| **Priority:** Medium | |
| **Steps** | **Expected Results** |
| 1. Click on the User Icon on the far-left button in Instagram | Personal profile opened |
| 2. Click on the “Edit” button below the profile picture | Edit profile frame opened |
| 3. Click on “Change your profile picture” below the profile picture | New frame opened on the button of the screen |
| 4. Select “Choose from library” | Image library opened |
| 5. Click on “Done” button | Profile picture changed under 3 seconds |

| **(3) Post a picture occurs under 6 seconds** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Tester is already login in Instagram | |
| **Priority:** Medium | |
| **Steps** | **Expected Results** |
| 1. Click on the “+” in the bottom menu | Picture library opens |
| 2. On the bottom, scroll down to the left and select “Post” |  |
| 3. Select a picture to post and click on “Next” in the top right | Filter frame opened |
| 5. Select a filter and click on “Next” in the top right | Description frame opened |
| 6. Enter a caption and location | Caption and location are entered |
| 7. Click on share | Picture is posted under 6 seconds |

| **(4) Change the username should occur in 4 seconds** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Tester is already login in Instagram | |
| **Priority:** Medium | |
| **Steps** | **Expected Results** |
| 1. Click on the User Icon on the far-left button in Instagram | Personal profile opened |
| 2. Click on the “Edit” button below the profile picture | Edit profile frame opened |
| 3. Click on “Username” field | Frame with username field opened |
| 4. Change the current username with “sofiamoura” | New username is entered |
| 5. Click on the “Done” button | Username is changed in under 4 seconds |

| **(5) 10,000 users login simultaneously** | |
| --- | --- |
| **Preconditions:**   * Configure load test application to simulate 10,000 virtual users * Configure the environment that will simulate Instagram to perform the test | |
| **Priority:** Medium | |
| **Steps** | **Expected Results** |
| 1. In the load test application, simulate 500 users are logging in |  |
| 2. In the load test application, simulate 1500 users are logging in, 5 seconds after |  |
| 2. In the load test application, simulate 8000 users are logging in, 5 seconds after | All users are able to successfully login in |

**Non-Functional Testing - Security Testing:**

| **(1) After four failed login attempts with invalid password, account is blocked** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test | |
| **Priority:** Critical | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 3. Enter the password “testfail” and click on the “Login” button | Pop-up error message with “Wrong password” appears |
| 4. Enter the password “testfail” and click on the “Login” button, again | Pop-up error message with “Wrong password” appears |
| 5. Enter the password “testfail” and click on the “Login” button, again | Pop-up error message with “Wrong password” appears |
| 6. Enter the password “testfail” and click on the “Login” button, again | Pop-up error message with “Account Blocked” appears |

| **(2) Password characters are masked when entered** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test | |
| **Priority:** High | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 3. Enter the password “testsuccess123” | Password characters are masked with dots |

| **(3) Failed to create an account with a password does not meet requirements** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro | |
| **Priority:** High | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Click on “Create a new account” on the button of the screen | Frame for user full name opened |
| 3. Enter “Sofia Moura” | Full name is entered |
| 4. Enter password “short” | An error message with “Password is too short. Insert at least 6 letters and numbers” appears |

| **(4) Failed to create an account entering a date of birth for the year 2015** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro | |
| **Priority:** Critical | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Click on “Create a new account” on the button of the screen | Frame for user full name opened |
| 3. Enter “Sofia Moura” | Full name is entered |
| 4. Enter the password “testsuccess123” | Password is entered |
| 5. Enter date of birth of 1st of May of 2015 (01-05-2015) | An error message with “You must be at least 13 Years Old to create an account” |

**Non-Functional Testing - Smoke Testing:**

| **(1) Successfully Login in Instagram** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test | |
| **Priority:** Critical | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 3. Enter the password “testsuccess123” | Password is entered |
| 4. Click on the “Login” button | Successfully login in Instagram |

| **(2) Successfully Recover Password in Instagram** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Access to the email test account | |
| **Priority:** Critical | |
| **Steps** | **Expected Results** |
| 1. Open Instagram App on mobile device | Instagram opened |
| 2. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 3. Click on the “Forgot your password?” button |  |
| 4. Enter the email “sofiamoura7@hotmail.com” | Email is entered |
| 5. Open the email account for “sofiamoura7@hotmail.com” | Email account is opened |
| 6. Open instagram email and copy the code in the email | Code is copied |
| 7. Enter the code on “Insert Code” field in Instagram | Code is entered |
| 8. Enter password “ “testsuccess123” | Password is entered |
| 9. Click on “Continue” button | Successfully login in Instagram |

| **(3) Successfully Change Profile Picture** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Tester is already login in Instagram | |
| **Priority:** Medium | |
| **Steps** | **Expected Results** |
| 1. Click on the User Icon on the far-left button in Instagram | Personal profile opened |
| 2. Click on the “Edit” button below the profile picture | Edit profile frame opened |
| 3. Click on “Change your profile picture” below the profile picture | New frame opened on the button of the screen |
| 4. Select “Choose from library” | Image library opened |
| 5. Click on “Done” button | Profile picture changed |

| **(4) Successfully post a picture** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Tester is already login in Instagram | |
| **Priority:** Medium | |
| **Steps** | **Expected Results** |
| 1. Click on the “+” in the bottom menu | Picture library opens |
| 2. On the bottom, scroll down to the left and select “Post” |  |
| 3. Select a picture to post and click on “Next” in the top right | Filter frame opened |
| 5. Select a filter and click on “Next” in the top right | Description frame opened |
| 6. Enter a caption and location | Caption and location are entered |
| 7. Click on share | Picture is posted |

| **(5) Successfully change the username** | |
| --- | --- |
| **Preconditions:**   * Tester has App installed on Iphone 12 Pro * Tester has WIFI connection on Iphone 12 Pro * A test account was created to perform the test * Tester is already login in Instagram | |
| **Priority:** Medium | |
| **Steps** | **Expected Results** |
| 1. Click on the User Icon on the far-left button in Instagram | Personal profile opened |
| 2. Click on the “Edit” button below the profile picture | Edit profile frame opened |
| 3. Click on “Username” field | Frame with username field opened |
| 4. Change the current username with “sofiamoura” | New username is entered |
| 5. Click on the “Done” button | Username is changed |