

System and Unit Test Report

Project: Slugtrades

Team Name: Slug Traders

Release 1

Sunday June 3, 2018

Version 1.0.0

Setup

1. Log in as admin
 - 1.1. Go to the app landing page
 - 1.2. Click "Log In" on the navigation bar
 - 1.3. Fill out the login form:
 - 1.3.1. Email Address: admin
 - 1.3.2. Password: pass1234
 - 1.4. Click "Login"
 - 1.5. Verify that you are logged in:
 - 1.5.1. Ensure that the navigation bar contains "Welcome, admin!"
2. Sign up
 - 1.1. Go to the app landing page
 - 1.2. Click "Sign Up" on the navigation bar
 - 1.3. Fill out the signup form:
 - 1.3.1. First Name: Testing
 - 1.3.2. Last Name: User
 - 1.3.3. Email Address: testinguser@somewhere.com
 - 1.3.4. Password: pass1234
 - 1.3.5. Verification Password: pass1234
 - 1.3.6. Profile Picture:
 - 1.3.6.1. Click "Choose File"
 - 1.3.6.2. Choose any image file from your file system
 - 1.3.7. Write a little about yourself: test bio
 - 1.3.8. Located on campus (leave as is)
 - 1.4. Click "Sign Up"
 - 1.5. Verify that right side of the navigation bar displays "Welcome, Testing!"

Teardown

1. Teardown: Log out

- 1.1. Hover over “Welcome, {{user first name}}!”
 - 1.2. Click “Log Out”
 - 1.3. Verify that the navigation bar contains the “Login” button
2. Teardown: Delete user from database
 - 2.1. Go to the Django admin app
 - 2.2. Click on “Users”
 - 2.3. Click on the user that you want to delete
 - 2.4. Click “delete”
3. Teardown: Clear database
 - 3.1. Open a terminal
 - 3.2. Change to the directory slugtrade/slug_trade
 - 3.3. Delete the file “db.sqlite3”
 - 3.4. Delete all the files in slug_trade_app/migrations/ except for the file __init__.py
Warning!! Deleting slug_trade_app/migrations/__init__.py can permanently break the database

Sprint 1 - Learning Django, sign ups, logins and user profile

1. As a user, I want a basic landing page so that I can navigate the site.
 - 1.1. Go to app landing page (<http://localhost:8000>)
 - 1.2. Verify the app does not crash
 - 1.3. Verify the page has content
2. As a user, I want to sign up.
 - 2.1. Do Setup 2
 - 2.2. Verify that right side of the navigation bar displays “Welcome, Testing!”
 - 2.3. Do Teardown 2
3. As a user, I want to log in and log out.
 - 3.1. Log In Test:
 - 3.1.1. Do Setup 1
 - 3.1.2. Verify that the navigation bar contains “Welcome, admin!”
 - 3.2. Log Out Test:
 - 3.2.1. Do Setup 1
 - 3.2.2. Do Teardown 1
 - 3.2.3. Verify that the navigation bar contains the “Login” button
4. As a user, I want to edit my profile.
 - 4.1. Do Setup 1
 - 4.2. Hover over “Welcome, admin!”
 - 4.3. Click “Profile”
 - 4.4. Underneath the “Bio” on the left side of the page, click “Edit Profile”
 - 4.5. Verify that the form is pre-populated with the correct account information
 - 4.6. Edit the form:
 - 4.6.1. Profile Picture:
 - 4.6.1.1. Click “Choose File”

- 4.6.1.2. Choose any image file from your file system other than the one that is currently set as the profile picture
 - 4.6.2. First Name: Peter
 - 4.6.3. Last Name: Parker
 - 4.6.4. Bio: I am definitely not Spider-Man
 - 4.6.5. Where do you live?: Located on campus
 - 4.7. Click "Update Profile"
 - 4.8. Verify that your changes were saved:
 - 4.8.1. After being redirected to the profile, verify that your basic information (the left side of the page) contains the newly edited information
 - 4.8.1.1. Name: Peter Parker
 - 4.8.1.2. Location: On campus
 - 4.8.1.3. Bio: I am definitely not Spider-Man
 - 4.8.1.4. Profile Picture: {{the image that you selected}}
 - 4.9. Do Teardown 1
5. As a user, I want to upload a photo of myself so that it is displayed on my profile.
(Note: This user story is verifiable by the User Story 2 test.)
 - 5.1. Do Setup 2
 - 5.2. Verify that the profile image is uploaded:
 - 5.2.1. Hover over "Welcome, Testing!"
 - 5.2.2. Click "Profile"
 - 5.2.3. Verify that there is a profile picture to the left of the Name, Location and Bio fields
 - 5.2.4. Verify that the profile picture is the image you selected while signing up
 - 5.3. Do Teardown 2
6. As a user, I want to add an item to my "closet".
 - 6.1. Do Setup 1
 - 6.2. Hover over "Welcome, admin!"
 - 6.3. Click "Profile"
 - 6.4. Click "Add Closet Item" on the far right side of the page
 - 6.5. Fill out the form:
 - 6.5.1. Item Name: Test Item
 - 6.5.2. Trade Type: Items Only
 - 6.5.3. Category: Other
 - 6.5.4. Condition: Good
 - 6.5.5. Description: Test description
 - 6.5.6. Item Images (repeat the following steps 5 times):
 - 6.5.6.1. Click Add Photo
 - 6.5.6.2. Select any image from your file system
 - 6.5.7. Click "Add Item"
 - 6.6. Verify that the item was saved:
 - 6.6.1. Verify that you are redirected to the profile page.

- 6.6.2. Verify that that newly added item is added as the last item in the “Closet” panel (verify on the last page if there are enough closet items to trigger pagination)
- 6.6.3. Verify that the item shows the following information:
 - 6.6.3.1. The first image you selected
 - 6.6.3.2. CATEGORY: Other
 - 6.6.3.3. Test Item
 - 6.6.3.4. Items Only
- 6.7. Do Teardown 2
- 7. As a user, I want to view all of my items as a “closet”.
 - 7.1. Do Setup 1
 - 7.2. Hover over “Welcome, admin!”
 - 7.3. Click “Profile”
 - 7.4. Verify that you can view all of your items:
 - 7.4.1. Ensure that on the right side of the page, you see a list of your items (item titles, images and some additional information). Note that you might have enough items to trigger pagination.
 - 7.5. Do Teardown 1

Sprint 2 - Front end styling, closets, test automation.

- 8. As a user, I want to view all of my items as a “closet”.
(duplicate of User Story 7, which was carried over from Sprint 1)
- 9. As a user, I want a beautiful UI to navigate the site.
(not unit testable)
- 10. As a user, I want to display a wishlist on my profile so that others can bid with items that I want.
 - 10.1. Do Setup 1
 - 10.2. Hover over “Welcome, admin!”
 - 10.3. Click “Profile”
 - 10.4. Add Wishlist Item Test:
 - 10.4.1. Under the “Wishlist” heading, click “Add Wishlist Item”
 - 10.4.2. Type “test” inside the text box
 - 10.4.3. Press Enter
 - 10.4.4. Verify that the text “test” appears underneath the “Add Wishlist Item” box
 - 10.5. Delete Wishlist Item Test:
 - 10.5.1. To the right of the Wishlist Item called “test”, click the red X
 - 10.5.2. Verify that the text “test” no longer appears underneath the “Add Wishlist Item” box
 - 10.6. Wishlist Add/Remove Integration Test:
 - 10.6.1. Under the “Wishlist” heading, click “Add Wishlist Item”
 - 10.6.2. Add “bananas” to the wishlist
 - 10.6.3. Add “cocoa powder” to the wishlist
 - 10.6.4. Add “peanut butter” to the wishlist

- 10.6.5. Verify that “bananas”, “cocoa powder”, and “peanut butter” are in the wishlist in that order
 - 10.6.6. Remove the last item (“peanut butter”)
 - 10.6.7. Verify that “bananas” and “cocoa powder” are in the wishlist in that order
 - 10.6.8. Remove the first item (“bananas”)
 - 10.6.9. Verify that “cocoa powder” is the only item in the wishlist
 - 10.6.10. Add “spoon” to the wishlist
 - 10.6.11. Verify that “cocoa powder” and “spoon” are in the wishlist in that order
- 10.7. Do Teardown 1
- 11. As a user, I want to see other people’s profiles.
 - 11.1. Do Setup 1
 - 11.2. Click “Products”
 - 11.3. For the first item on the page, click on the link next to the label “SOLD BY”
 - 11.4. Verify that a profile page has been loaded
 - 11.5. Do Teardown 1
- 12. As a user, I want to see all of the items available to bid on.
 - 12.1. Click “Products”
 - 12.2. Verify that there is a list of items in the middle of the screen where each item is composed of a picture, title, seller and item type
- 13. As a developer, I want automated tests so that I don’t check in regressions.
 - 13.1. Open a terminal
 - 13.2. Change to the directory slugtrade/slug_trade
 - 13.3. Run the command ./first_start.sh
 - 13.4. Open a new terminal
 - 13.5. Run the command ./run_tests.sh
 - 13.6. Verify that the first line of output is “test_logo_loads: PASS”

Sprint 3 - Front end styling, closets, test automation.

- 14. As a user, I want to click on an item, view its full details, and click ‘snag’ to be redirected to an offer page.
 - 14.1. Do Setup 1
 - 14.2. Click “Products”
 - 14.3. For the first item on the page that has the item type “Cash Only”, click on the image
 - 14.4. Verify that the item details page loaded
 - 14.4.1. Verify that the picture, title, owner, price, and category are the same as what was displayed on the products page
 - 14.4.2. Verify that there is a description under the header “Description”
 - 14.4.3. Verify that there is a button “Snag Item”
 - 14.5. Click “Snag Item”
 - 14.6. Verify that the offer page loaded
 - 14.6.1. Verify that there is a header “Make an Offer”

- 14.6.2. Verify that the picture, title, owner, and price are the same as what was displayed on the products page
 - 14.6.3. Verify that there is a number input under the header "Offer amount"
 - 14.6.4. Verify that there is a text field under the header "Comment"
 - 14.7. Do Teardown 1
- 15. As a user, I want to select item(s) from my closet to offer as a trade for the snagged item, include a comment if I wish, and submit the offer.
 - 15.1. Do Setup 1
 - 15.2. Click "Products"
 - 15.3. For the first item on the page that has the item type "Items Only", click on the image
 - 15.4. Verify that the item details page loaded
 - 15.4.1. Verify that the picture, title, owner, and category are the same as what was displayed on the products page
 - 15.4.2. Verify that there is a description under the header "Description"
 - 15.4.3. Verify that there is a button "Snag Item"
 - 15.5. Click "Snag Item"
 - 15.6. Verify that the offer page loaded
 - 15.6.1. Verify that there is a header "Make an Offer"
 - 15.6.2. Verify that the picture, title, and owner are the same as what was displayed on the products page
 - 15.6.3. Verify that there are item tiles under the header "Which of your items do you want to offer?"
 - 15.7. Click the item tile with the label "Test" and picture of a pen
 - 15.8. Verify that the item tile highlights yellow
 - 15.9. Click "Place Trade"
 - 15.10. Verify that the offer was saved: (User Story Test [[[offers placed]]])
 - 15.10.1. In the browser, enter the url: <http://localhost:8000/admin/>
 - 15.10.2. Once redirected to the Django admin app, click "Item Offers" underneath the "Slug_Trade_App" heading
 - 15.10.3. In the table called "ITEM OFFER", click "ItemOffer object"
 - 15.10.4. Ensure that the object contains the following information:
 - 15.10.4.1. Item bid on: pen
 - 15.10.4.2. Item bid with: bike
 - 15.10.4.3. Item owner: jameslopez@somewhere.com
 - 15.10.4.4. Original bidder: admin
- 16. As a developer, I want a fully functional landing page.
 - 16.1. Click the "Slug Trade" logo to get to the landing page
 - 16.2. Execute the following tests on the landing page:
 - 16.2.1. Page contains live database data:
 - 16.2.1.1. Scroll down to the "Recent Items" header near the top of the page
 - 16.2.1.2. Verify that you see items from the live database listed underneath the heading.

- 16.2.1.3. Ensure that you see the items in the same order that they were added to the site
- 16.2.2. Category filters at the top of the page work:
 - 16.2.2.1. In the box called "Search by Category", enter the following information:
 - 16.2.2.1.1. Category: "Electronics"
 - 16.2.2.1.2. Type: "Cash Only"
 - 16.2.2.2. Click "Submit"
 - 16.2.2.3. Verify that you were taken to the correct category:
 - 16.2.2.3.1. Once redirected to the product page, ensure that you see only the "Camera" item in the list of products
 - 16.2.2.3.2. Ensure that the "Cash Only" and "Electronics" checkboxes are checked while every other checkbox is empty
- 16.2.3. "View Recent Items" button works:
 - 16.2.3.1. Click "View Recent Items"
 - 16.2.3.2. Verify that you were taken to the correctly filtered Products page:
 - 16.2.3.2.1. Once redirected to the Products page, ensure that the "Order By" drop down menu contains the text "Recent"
- 16.2.4. "Shop Categories" buttons work:
 - 16.2.4.1. Underneath the "Shop Categories" heading, click the "Bikes" button
 - 16.2.4.2. Verify that you are taken to the Bikes category:
 - 16.2.4.2.1. Once redirected to the Products page, ensure that you see only the item called "Bike" in the products list
 - 16.2.4.2.2. Ensure that only the "Bikes" checkbox underneath the "Filters" header is checked
- 16.2.5. "Shop Clothes" button works:
 - 16.2.5.1. Click "Shop Clothes"
 - 16.2.5.2. Verify that you are taken to Clothes category:
 - 16.2.5.2.1. Once redirected to the Products page, ensure that you see only the items called Shoes, Jacket, Hat and Test
 - 16.2.5.2.2. Ensure that only the "Clothing" checkbox is checked
- 16.2.6. "Shop Now" button works:
 - 16.2.6.1. Click "Shop Now"
 - 16.2.6.2. Verify that you were taken to the Products page:
 - 16.2.6.2.1. Ensure that the the header at the top of the page says "Products"
- 16.2.7. "View Popular Items" button works:
 - 16.2.7.1. Click "View Popular Items"
 - 16.2.7.2. Verify that you were taken to the Popular Items category:
 - 16.2.7.2.1. Once redirected to the Products page, ensure that in the "Order By" drop down menu, you see the value "Popular"
- 16.2.8. "Shop Textbooks" button works:
 - 16.2.8.1. Click "Shop Textbooks"
 - 16.2.8.2. Verify that you were taken to the Books category:

- 16.2.8.2.1. Once redirected to the Products page, ensure that you see 4 items called "Book" in the products list
 - 16.2.8.2.2. Ensure that only the "Books" checkbox is checked underneath the "Filters" heading
 - 16.2.9. "View Textbooks" button works:
 - 16.2.10. Click "View Textbooks"
 - 16.2.11. Verify that you were taken to the Books category:
 - 16.2.11.1. Once redirected to the Products page, ensure that you see 4 items called "Book" in the products list
 - 16.2.11.2. Ensure that only the "Books" checkbox is checked underneath the "Filters" heading
- 17. As a user, I want the products page to be beautiful so that it matches the rest of the site.
(not unit testable)
- 18. As a user, I want to edit items I have already posted.
 - 18.1. Do Setup 1
 - 18.2. Hover over "Welcome, admin!"
 - 18.3. Click "Profile"
 - 18.4. For the "Test" item, click "Edit Item"
 - 18.5. Verify that the edit item page loaded:
 - 18.5.1. Verify that there is a header "Edit Item"
 - 18.6. Fill out the edit item form:
 - 18.6.1. Item Name: test edit
 - 18.6.2. Trade Type: Free
 - 18.6.3. Category: Electronics
 - 18.6.4. Condition: Fair
 - 18.6.5. Description: Test description edit
 - 18.6.6. Item Images:
 - 18.6.6.1. Click the x next to the picture of the pen
 - 18.6.6.2. Click "Add Photo"
 - 18.6.6.3. Choose any photo from your file system
 - 18.7. Click "Save"
 - 18.8. Verify that the profile page loaded
 - 18.8.1. Verify that there is a header "Closet"
 - 18.9. Verify that the changes you made to the item were saved:
 - 18.9.1. Verify that there is an item called "test edit"
 - 18.9.2. Verify that the item "test edit" contains the following information on the profile page: "test edit", "Electronics", "Free"
 - 18.9.3. Verify that the item "test edit" displays that picture you selected from your file system
 - 18.10. Do Teardown 1
- 19. As a user, I want to be able to filter posted products by type and category.
 - 19.1. Click "Products"
 - 19.2. Filter by Type Test:

- 19.2.1. Click the "Cash Only" checkbox
- 19.2.2. Click the button "Submit"
- 19.2.3. Verify that the item type of each item is "Cash Only"
- 19.3. Filter by Category Test:
 - 19.3.1. Click the "Electronics" checkbox
 - 19.3.2. Click the button "Submit"
 - 19.3.3. Verify that each item title is "Camera", "Wii", or "Keyboard"
- 20. As a developer, I want to lint all of the existing python files so that we have a consistent coding style.
 - 20.1. TBD
- 21. As a developer, I want more automated tests so that I don't check in regressions.
- 22. As a user, I want a beautiful UI to navigate the site.
(not unit testable)

Sprint 4 - Offer feeds

- 23. As a user, I want to view a feed of offers that people have made on my item.
 - 23.1. Do User Story 15 test
 - 23.2. Note the owner of the item
 - 23.3. Login as Cheyenne:
 - 23.3.1. Email Address: cheyenneyoung@somewhere.com
 - 23.3.2. Password: pass1234
 - 23.4. Click "Products"
 - 23.5. Once redirected to the Products page, click on the image associated with the "Vitamins" item
 - 23.6. Once redirected to the Item Details page, click "Snag Item"
 - 23.7. Once redirected to the Make an Offer page, enter the following information:
 - 23.7.1. Offer amount: \$20.00
 - 23.7.2. Comment: test comment
 - 23.8. Click "Place Cash Offer"
 - 23.9. Verify that you can see the new offer inside the Offers page:
 - 23.9.1. Hover over "Welcome, Cheyenne!"
 - 23.9.2. "Logout"
 - 23.9.3. Login:
 - 23.9.3.1. Email Address: kylerosales@somewhere.com
 - 23.9.3.2. Password: pass1234
 - 23.9.4. Hover over "Welcome, Kyle!"
 - 23.9.5. Click "Offers"
 - 23.9.6. Once redirected to the Offers page, click the header "Offers Received"
 - 23.9.7. Ensure that you see an item called "Vitamins" with the following information:
 - 23.9.7.1. Kyle Offered: \$20.00
- 24. As a user, I want to view a feed of offers I have made on other people's item(s).
(Note: This user story is verifiable by the User Story 15 test.)

- 24.1. Login:
 - 24.1.1. Email Address: admin
 - 24.1.2. Password: pass1234
- 24.2. Click "Products"
- 24.3. Once redirected to the Products page, click on the image associated with the "Stools" item
- 24.4. Once redirected to the Item Details page, click "Snag Item"
- 24.5. Once redirected to the Make an Offer page, enter the following information:
 - 24.5.1. Offer amount: \$20.00
 - 24.5.2. Comment: test comment
- 24.6. Click "Place Cash Offer"
- 24.7. Verify that you can see the new offer inside the Offers page:
 - 24.7.1. Hover over "Welcome, admin!"
 - 24.7.2. Click "Offers"
 - 24.7.3. Once redirected to the Offers page, click the header called "Offer Placed"
 - 24.7.4. Ensure that you see an item called "Stools" with the following information:
 - 24.7.4.1. \$20.00 (offered price)
- 25. As a user, I want a beautified offers feed page.
 - 25.1. Login:
 - 25.1.1. Email Address: admin
 - 25.1.2. Password: pass1234
 - 25.2. Hover over "Welcome, Admin!"
 - 25.3. Click "Offers"
 - 25.4. Verify that the page has a pleasant style
 - 25.4.1. Click on the header "Offer Received"
 - 25.4.2. Ensure that the page has a pleasant style
 - 25.4.3. Click on the header "Offer Placed"
 - 25.4.4. Ensure that the page has a pleasant style
- 26. As a user, From the offer feeds I want the link to direct me to the item's offer.
 - 26.1. THIS IS NOT IMPLEMENTED YET
- 27. As a developer, I want to finish testing the item details feature.
 - 27.1. Go to the GitHub pull request at the following url:
<https://github.com/Sidney-/slugtrade/pull/101>
 - 27.2. Verify that the pull request was merged:
 - 27.2.1. Ensure that you see a purple box that says "Merged" near the top of the page
- 28. As a developer, I want to finish testing the offers feature.
 - 28.1. Go to the GitHub pull request at the following url:
<https://github.com/Sidney-/slugtrade/pull/101>
 - 28.2. Verify that the pull request was merged:
 - 28.2.1. Ensure that you see a purple box that says "Merged" near the top of the page
- 29. As a user, I want to make a counter offer on an item.
 - 29.1. THIS IS NOT IMPLEMENTED YET
- 30. As a user, I want a beautified offer page.

- 30.1. Login:
 - 30.1.1. Email Address: admin
 - 30.1.2. Password: pass1234
- 30.2. Click "Products"
- 30.3. Once redirected to the Products page, click the image associated with the "Vitamins" item
- 30.4. Once redirected to the Item Details page, click "Snag Item"
- 30.5. Verify that the Make an Offer page is styled:
 - 30.5.1. Once redirected to the Make an Offer page, ensure that the page has a pleasant style
- 31. As a user, I want a beautified not logged in page.
 - 31.1. Complete the following step ONLY if you are not logged out:
 - 31.1.1. Logout:
 - 31.1.1.1. Hover over "Welcome, <name>!"
 - 31.1.1.2. Click "Logout"
 - 31.2. Type in the url: <http://localhost:8000/profile/>
 - 31.3. Verify that the Not Logged In page is styled:
 - 31.3.1. Once redirected to the Not Logged In page, ensure that the page has a pleasant style
- 32. As a user, I want to view the products list and item details page without being logged in.
 - 32.1. Complete the following step ONLY if you are not logged out:
 - 32.1.1. Logout:
 - 32.1.1.1. Hover over "Welcome, <name>!"
 - 32.1.1.2. Click "Logout"
 - 32.2. Click "Products"
 - 32.3. Once redirected, ensure that you are on the Products page, not the Not Logged In page
 - 32.4. Click on the image associated with the "Vitamins" item
 - 32.5. Once redirected, ensure that you are on the Item Details page, not the Not Logged In page
- 33. As a user, I want category buttons on the homepage to link to individual categories.
 - 33.1. Underneath the "Shop Categories" heading, click the "Bikes" button
 - 33.2. Verify that you are taken to the Bikes category:
 - 33.2.1. Once redirected to the Products page, ensure that you see only the item called "Bike" in the products list
 - 33.2.2. Ensure that only the "Bikes" checkbox underneath the "Filters" header is checked
- 34. As a developer, I want four of each item in the population script.
 - 34.1. Go to the app landing page
 - 34.2. Scroll down near the bottom of the page to the header called "Shop Textbooks"
 - 34.3. Verify that there are four items displayed in the list (with pictures)
- 35. As a developer, I want to remove the "cash with items" category.
 - 35.1. Click "Products"

- 35.2. Once redirected to the Products page, ensure that underneath the “Trade Options” header, you only see the following options:
 - 35.2.1. Cash Only
 - 35.2.2. Items Only
 - 35.2.3. Free