

System and Unit Test Report

Project: Slugtrades
Team Name: Slug Traders
Release 1
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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. ???
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. Login:
 - 15.1.1. Email Address: "admin"
 - 15.1.2. Password: pass1234
 - 15.2. Click "Products"
 - 15.3. Once redirected to the Products page, on the left side of the page, click the checkbox next to "Items Only" (under the "Filters" heading
 - 15.4. Click "Submit" underneath the "Filters" heading
 - 15.5. Click the image associated with the item called "Pen"
 - 15.6. Once redirected to the Item Details page, click "Snag Item"
 - 15.7. Once redirected to the Make an Offer page, click the checkbox underneath the bike item
 - 15.8. In the "Comment" box, type: test comment
 - 15.9. Click "Place Trade"
 - 15.10. Verify that the offer was saved:
 - 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.
 - 17.1. Click “Products”
 - 17.2. Once redirected to the Products page, ensure that the page is styled in a pleasing way
- 18. As a user, I want to edit items I have already posted.
 - 18.1. Login:
 - 18.1.1. Email Address: admin
 - 18.1.2. Password: pass1234
 - 18.2. Hover over “Welcome, admin!”
 - 18.3. Click “Profile”
 - 18.4. Underneath the “Bike” item, click “Edit Item”
 - 18.5. Once redirected to the Edit Item page, fill out the form with the following information:
 - 18.5.1. Item Name: test edit
 - 18.5.2. Trade Type: Free
 - 18.5.3. Category: Electronics
 - 18.5.4. Condition: Fair
 - 18.5.5. Description: Test description edit
 - 18.5.6. Item Images:
 - 18.5.6.1. Click the x next to the picture of the bike
 - 18.5.6.2. Click Add Photo
 - 18.5.6.3. Choose any photo from your file system
 - 18.6. Click “Save”
 - 18.7. Verify that the changes you made to the item were saved:
 - 18.7.1. Once redirected to the Profile page, ensure that there is no longer an item under the “Closet” heading called “Bike”
 - 18.7.2. Ensure that there is now an item called “test edit”
 - 18.7.3. Verify that the “test edit” item contains the following information (as shown on the Profile page):
 - 18.7.3.1. test edit (title)
 - 18.7.3.2. Picture: <the picture that you selected>
 - 18.7.3.3. CATEGORY: Electronics
 - 18.7.3.4. Free (price)
- 19. As a user, I want to be able to filter posted products by type and category.
 - 19.1. Click “Products”
 - 19.2. Once redirected to the Products page, run the following tests:
 - 19.2.1. Filter By Category:
 - 19.2.1.1. Click the checkbox next to “Electronics”
 - 19.2.1.2. Click “Submit”
 - 19.2.1.3. Verify that the page only shows electronics:
 - 19.2.1.3.1. Ensure that you see only items of the category “Electronics”
 - 19.2.1.3.1.1. You should see at least the “Keyboard” and the “Camera”

- 19.2.2. Filter By Type (Trade Options)
 - 19.2.2.1. Leave the Electronics filter applied
 - 19.2.2.2. Click the checkbox next to "Cash Only"
 - 19.2.2.3. Click "Submit"
 - 19.2.2.4. Verify that the "Cash Only" filter was applied
 - 19.2.2.4.1. Ensure that you only see the "Camera" item in the products list
- 20. As a developer, I want to lint all of the existing python files so that we have a consistent coding style.
- 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.
 - 22.1. Ensure that every page on the site is pleasantly styled
 - 22.1.1. For every page on the website (Landing Page, Profile, Edit Profile, Add Closet Item, Edit Item, Products, Sign Up, Log In, Item Details, Make an Offer and Offers), repeat the following steps:
 - 22.1.1.1. Go to the page
 - 22.1.1.2. Verify that it has a pleasing visual style
 - 22.1.2. Example (Landing Page)
 - 22.1.2.1. Click the "Slug Trade" logo to be redirected to the Landing Page
 - 22.1.2.2. Verify that the page has a pleasing visual style

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. Login:
 - 23.1.1. Email Address: cheyenneyoung@somewhere.com
 - 23.1.2. Password: pass1234
 - 23.2. Click "Products"
 - 23.3. Once redirected to the Products page, click on the image associated with the "Vitamins" item
 - 23.4. Once redirected to the Item Details page, click "Snag Item"
 - 23.5. Once redirected to the Make an Offer page, enter the following information:
 - 23.5.1. Offer amount: \$20.00
 - 23.5.2. Comment: test comment
 - 23.6. Click "Place Cash Offer"
 - 23.7. Verify that you can see the new offer inside the Offers page:
 - 23.7.1. Hover over "Welcome, Cheyenne!"
 - 23.7.2. "Logout"
 - 23.7.3. Login:
 - 23.7.3.1. Email Address: kylerosales@somewhere.com
 - 23.7.3.2. Password: pass1234
 - 23.7.4. Hover over "Welcome, Kyle!"
 - 23.7.5. Click "Offers"
 - 23.7.6. Once redirected to the Offers page, click the header "Offers Received"

- 23.7.7. Ensure that you see an item called “Vitamins” with the following information:
 - 23.7.7.1. 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).
 - 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