Wanted List Test Plan

Overview:

Test the functionality of the app

Links:
https://github.com/DevMountain-QA/wanted-queries/blob/version-1.1/README.md
/Volumes/GIGAFILES/Devmountain/Week_11/labs/testing/wanted-queries/public/index.html

Test Criteria:
- Webforms of Warrants and Modifications
- Make sure the site is easily navigable from the menu
- Warrant files will include the suspects' names, sex, races, height, weight, hair, offense, date of warrant, and DL license info
- All of the fields will be editable except for the warrant ID
- The submit button will save changes and can't be accessed unless some criteria have been edited.
- The clear button will remove changes made to the most recent version
- The ID will be a long positive whole number

Entry Criteria:
- Test criteria given
- Running server served for testing
- A computer for testing

Exit Criteria:
- All tests have passed
- The time provided is over

Other details:
- Environment
- Should work on any contemporary browser, be fully operational, and be styled well
- Chrome is the suggested browser

Creating a Warrant

This test will check to see that field inputs on the 'Enter Wanted' page can be edited

Steps
1. Navigate to enter wanted
2. Type out a header, 9-19 characters
3. Type out an MKE, 2-4 alpha/special characters
4. Type out an Originating Agency Identifier, 9 alphanumeric characters (I.E FBI, ATF, DEA, MIB)
5. Type out a name, 3-30 characters in length
6. Select sex: Female, Male, Other, and Unknown
7. Select Race/Ethnicity: Asian/Pacific Islander, Black, Hispanic, American Indian / Alaskan Native, White, and Unknown
8. Type out height, 3 digits (in feet and inches, FII)
9. Type out weight, 1-3 digits (in pounds)
10. Type out hair, 3-10 letters
11. Type out the offense, 5-15 characters
12. Put in the Date of Warrant/Violation, it uses a date picker with MM/DD/YYYY
13. Type out a Drivers license, 1-20 characters, optional, requires DL State & DL Expiration Year
14. Type out DL State, 2 letters, optional, requires Drivers License & DL Expiration Year
15. Type out DL expiration date, 10 numbers in MM/DD/YYYY, optional, requires Drivers License & DL State
16. Type out the license plate, 5-8 characters, optional, requires License State & License Year
17. Type out the license state, 2 letters, optional, requires License Plate and License Year
18. Type out the license expiration date, 10 numbers, optional, requires License Plate and License Year
19. Click the Submit button
20. Type out a header, 9-19 characters
21. Click the Clear button

Test Postconditions
- A warrant should have been added to the list
- Criteria should've been erased if the clear button was pressed

Changing a Warrant

This test will check to see that field inputs on the 'Modify Wanted' page can be edited

Steps
1. Navigate to modify wanted
2. Type out the Warrant ID to modify, 10 numbers
3. Type out a header, 9-19 characters
4. Type out an MKE, 2-4 alpha/special characters
5. Type out an Originating Agency Identifier, 9 alphanumeric characters (I.E FBI, ATF, DEA, MIB)
6. Type out a name, 3-30 characters in length
7. Select sex: Female, Male, Other, and Unknown
8. Select Race/Ethnicity: Asian/Pacific Islander, Black, Hispanic, American Indian / Alaskan Native, White, and Unknown
9. Type out height, 3 digits (in feet and inches, FII)
10. Type out weight, 1-3 digits (in pounds)
11. Type out hair, 3-10 letters
12. Type out the offense, 5-15 characters
13. Put in the Date of Warrant/Violation, it uses a date picker with MM/DD/YYYY
14. Type out a Drivers license, 1-20 characters, optional, requires DL State & DL Expiration Year
15. Type out DL State, 2 letters, optional, requires Drivers License & DL Expiration Year
16. Type out DL expiration date, 10 numbers in MM/DD/YYYY, optional, requires Drivers License & DL State
17. Type out the license plate, 5-8 characters, optional, requires License State & License Year
18. Type out the license state, 2 letters, optional, requires License Plate and License Year
19. Type out the license expiration date, 10 numbers, optional, requires License Plate and License Year
20. Click the Submit button
21. Type out a header, 9-19 characters
22. Click the Clear button

Test Postconditions
- A warrant should have been changed on the list
- The warrant ID shouldn't have changed
- Criteria should've been erased if the clear button was pressed

Can Someone Get a Warrant ID on the Cancel Page

This test will see if someone could retrieve a warrant id

Steps
1. Navigate to cancel wanted
2. Type out the warrant id to cancel
3. Fill out the rest of from
4. Press submit

Test Postconditions
- A corresponding warrant should have been found and deleted

Does the Header Field Error Show Up

This test will see if an error message pops up when the header isn't included

Steps
1. Navigate to the enter wanted page
2. Type out all the other criteria on the form correctly
3. Press submit

Test Postconditions
- An error message should show saying "The "Header" field must be included."

Does the site look good

This test is a smoke screen to see if the site looks good, has elements where they're intended to be, and is navigating well

Steps
1. Navigate to enter wanted
2. Navigate to modify wanted
3. Navigate to cancel wanted
4. Navigate to home