Fender Bass Mod Shop Test Plan

Overview:

The Fender Mod Shop is a website where you can create a factory-customized electric guitar or bass starting from a default model that can be modified with selected parts. This test will focus on the user workflow and functionality between the bass modification page and the shopping cart page. Jazz Basses will be created, modified, added and deleted. Page details and UI controls will be tested and verified. Exploratory and Automation testing will be used.

Links:

- Desktop Version of the website will be tested:
    - https://shop.fender.com/en-US/mod-shop/
- Trello Board invite/view link:
    - https://trello.com/invite/b/szqePz6g/bc4d736dd479f5d25181b841a2c2ea93/solo-project-fender-bass-mod-shop
- GitHub link:
    - https://github.com/JPLABRADOR/Fender-Mod-Shop

In-scope:

- Verify the functionality of the bass building UI on the Jazz Bass mod shop page
    - Make modifications to the given default bass. Test all of the UI controls in every section:
        - Orientation
        - Body
        - Neck Shape
        - Fingerboard
        - Pickguard
        - Pickups
        - Tuning Machines
        - Bridge, Strings
        - Case & Packaging
        - "RESET" and "ADD TO CART" buttons
        - Bass Angle buttons: Front, Back, 3/4 View, Body, Neck

- Verify the functionality and details of the shopping cart page
  - Verify all of the details about the basses in the shopping cart are correct:
    - Order Summary
    - Subtotal
    - Shipping
    - Tax
    - Estimated Total
    - Item Info
    - Quantity
    - Verify the functionality of the "EDIT" and "REMOVE" buttons

- Verify the UI workflow and all related functionality of creating, adding and removing basses from the shopping cart:
  - Verify the functionality of the bass building UI and the "ADD TO CART" button, create multiple unique basses and add them to the cart
  - After every bass is created and added to the cart, verify the functionality of the "RESET" button and reset the bass to its default features
  - Verify the shopping cart icon is keeping the correct count of added items and can navigate to the shopping cart page when clicked
  - Verify all of the details about the basses on the shopping cart page are correct
  - Verify the functionality of the "REMOVE" button, delete all of the basses in the shopping cart and verify that it is empty

- Verify the UI workflow and all related functionality of creating, adding, editing and removing basses from the shopping cart:
  - Verify the functionality of the bass building UI and the "ADD TO CART" button, create a unique bass and add it to the cart
  - After a bass is created and added to the cart, verify the functionality of the "RESET" button and reset the bass to its default features
  - Verify the shopping cart icon is keeping the correct count of added items and can navigate to the shopping cart page when clicked
  - Verify all of the details about the bass on the shopping cart page are correct and verify that the "QUANTITY" drop down menu will add more of the same unique bass to the shopping cart
  - Verify that the "EDIT" button is working and returns the user to the Jazz Bass modification page

- o Verify that the "RESET" button can be used to reset a bass back to its default features, and has been taken from the shopping cart for further modification
- o After modifications are made to the bass, verify that the "UPDATE CART" button will update the bass in the cart with the new changes
- o Verify the functionality of the "REMOVE" button, delete the bass in the shopping cart and verify that it is now empty

Out-of-scope:

- Everything outside of creating/adding/editing/deleting basses from the bass modification page and the shopping cart page
- An account will not be created or used. The process will instead be conducted as a guest
- No actual purchases or payment methods will be part of the test

Entry Criteria:

- Testing environment established (Chrome on Windows)
- Exploratory testing used to investigate the website and pinpoint critical areas
- Test plan outlining the test process and methodology used
- Trello board created to track test cases, bug reports and confirmation tests
- GitHub repository created for automation tests and test plan

Exit criteria:

- Thorough testing for functionality in the critical areas of the Jazz Bass modification page and shopping cart page
- Test cases were executed and the results documented on Trello
- Bugs were documented and reported on Trello

Bugs/Irregularities:

- Bug: Shopping Cart Quantity Does Not Update
  - o When adding basses to the cart, the quantity number does not update
  - o https://trello.com/c/sKQmudfc
- Reset Will Not Work If Item Comes From The Shopping Cart
  - o Resetting the basses default features won't work if the bass has already been in the shopping cart
  - o https://trello.com/c/nFHpuvTi
- Possible Bug/Irregularity: Pages Have Trouble Loading Certain Items

- While using automation on the page, certain pieces of the page do not load. Refreshing the page will load or update those pieces
- https://trello.com/c/JCQ4J66u