Test Coverage Plan

1. Main Menu Testing
    a. Import an existing file.
    b. Import a nonexistent file.
    c. Import a null value.
    d. Export to an existing file.
    e. Export to a new file.
    f. Export to a null value.

2. Home Page Testing
    a. Login with an existing user.
    b. Login with an invalid username and/or password.
    c. Login with null values.
    d. Attempt to open a database/inventory without logging in.
    e. Open the pet inventory.
    f. Open the employee database.
    g. Open the customer database.

3. Pet Inventory Testing
    a. Add a new, valid pet to the inventory.
    b. Attempt to add an invalid/null pet to the inventory.
    c. Edit an existing pet, giving valid edits.
    d. Edit an existing pet, giving invalid/null edits.
    e. Remove a pet from the inventory.
    f. Cancel the removal of a pet from the inventory.
    g. Save the edits.
    h. Cancel all the edits.

4. Employee Database Testing
    a. Add a new, valid employee to the database.
    b. Attempt to add an invalid/null employee to the database.
    c. Edit an existing employee, giving valid edits.
    d. Edit an existing employee, giving invalid edits.
    e. Remove an employee from the database.

  f. Cancel the removal of an employee.

  g. Save the edits.

  h. Cancel the edits.

5. Customer Database Testing

  a. Add a new, valid customer to the database.

  b. Attempt to add an invalid/null customer to the database.

  c. Edit an existing customer's information.

  d. Attempt to edit an existing customer with invalid/null edits.

  e. Remove a customer from the database.

  f. Cancel the removal of a customer.

  g. Save the edits.

  h. Cancel the edits.

6. Sale Testing

  a. Perform a sale with a customer adopting one or more pets.

  b. Perform a sale with an employee adopting one or more pets.

  c. Perform a sale with a manager adopting one or more pets.