Nahom Haile

**Karate Store Test Cases**

# Store Functionality:

## Create users, login, and authorization

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| Scenario | Input | Output |
| 1. Create a user with all fields filled | Username: Arsen  Email: arsen@gmail.com  Password: wooooooah  Confirm Password: wooooooah  Role: Customer  Submit | Confirm account, login |
| 1. Create a user with unmatched passwords | Username: Arsen  Email: arsen@gmail.com  Password: wooooooah  Confirm Password: buddyyy  Submit | Passwords don’t match, please try again |
| 1. Create a user with an invalid email | Username: Arsen  Email: arsen$$$$gmail.com  Password: wooooooah  Confirm Password: wooooooah  Submit | Error Message |
| 1. Create a user that is a manager | Role: Manager | Confirm account, login |
| 1. Create a user that is a clerk | Role: Clerk | Confirm account, login |
| 1. Create a user that is a customer | Role: Customer | Confirm account, login |
| 1. Clerk tries to access the update buy/sell price page | /Products/UpdatePrices/1 | display the Access Forbidden page. |
| 1. Customer tries to access any of the pages in the store | All pages | display the Access Forbidden page. |

## Products

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| Scenario | Input | Output |
| 1. Create Product with only a description | Belt | Success message |
| 1. Create Product with no description |  | Please enter a description for the product. |
| 1. Create product with negative stock | -3 | Cannot have a negative stock number. |
| 1. Create product with positive stock | 3 | Success message |
| 1. Create product with Sell price less than the buy price. | Sell price: 10  Buy price: 20 | Sell price can't be less than the buy price. |
| 1. Create product with Sell price greater than the buy price. | Sell price: 30  Buy price: 20 | Success message |
| 1. Create product with 0 as the sell price and buy price | Sell price: 0  Buy price: 0 | Sell and buy price can't be less than 0. |
| 1. Update stock to a negative value | -3 | Cannot reduce the stock to a negative value |
| 1. Update sell price to 0 | 0 | The sell price must be greater than 0 |
| 1. Update buy price to 0 | 0 | The buy price must be greater than 0 |
| 1. Update sell price to be less than the buy price | Sell price: 10  Buy price: 20 | Sell price can't be less than the buy price. |
| 1. Delete a product | Click on delete product | Success message |
| 1. Read all products | Go to the “Products” navigation | Displays all of the products |
| 1. Read all products by category | Under the “Products” navigation click on “List Products by Category” | Displays all the products by category sorted alphabetically by category and products |

## Product Categories

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| Scenario | Input | Output |
| 1. Create a new category | New Category  submit | Success message |
| 1. Create a new category with no name | Submit | Please enter a category name. |
| 1. Edit a category and leave the name black | Submit | Please enter a category name. |
| 1. Delete a category with products | Delete Category | Cannot delete this category because there are products in this category. |
| 1. Delete a category with no products | Delete Category | Success message |
| 1. Display all product categories | Go to the “Categories” navigation | Displays all the product categories |
| 1. Display all product by category | On the “Categories” page click on a category | Displays all the products for that category |

## Customers

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| Scenario | Input | Output |
| 1. Create a customer with first and last name | Nahom  Haile  Click create customer | Customer created with Success message |
| 1. Create a customer with all fields unfilled | Click create customer | Error Message |
| 1. Create a customer with all fields filled and valid | .  .  .  Click create customer | Customer created with Success message |
| 1. Create a customer with an invalid email | Email: aaaaa  Click create customer | Error Message |
| 1. Create a customer an invalid phone number | Phone: 0910902909200109  Click create customer | Error Message |
| 1. Create a customer with an invalid credit card | Card: 2184EEe!!i3989009  Click create customer | Error Message |
| 1. Update a customer’s first name – valid | Serge  Click Update customer | Successfully updated customer |
| 1. Update a customer’s last name – valid | Arsenault  Click Update customer | Successfully updated customer |
| 1. Update a customer’s email – valid | [sergeA@gmail.com](mailto:sergeA@gmail.com)  Click Update customer | Successfully updated customer |
| 1. Update a customer’s phone number – valid | 819-111-1111  Click Update customer | Successfully updated customer |
| 1. Update a customer’s province – valid | Choose: NB  Click Update customer | Successfully updated customer |
| 1. Update a customer’s credit card – valid | 4309827387307397  Click Update customer | Successfully updated customer |
| 1. Update a customer’s email - invalid | sergeA###gmail.com  Click Update customer | Error Message |
| 1. Update a customer’s phone number – invalid | 819-111-1444111  Click Update customer | Error Message |
| 1. Update a customer’s credit card – invalid | 43098273873073970000  Click Update customer | Error Message |
| 1. Delete a customer | Click on trash icon (delete customer) | Successfully delete customer |
| 1. Delete a customer who currently has a cart open | Click on trash icon (delete customer) | Error Message |
| 1. Read all customers | /Customers route | Displays all customer ordered by last name |

# Customer Functionality:

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| Scenario | Input | Output |
| 1. Login as manager | Email: [qrindustryq@gmail.com](mailto:qrindustryq@gmail.com)  Password: \*\*\*\*\*\*\*\*\*  Click on login | Login failed because user is not a customer. |
| 1. Login as clerk | Email: [SANDRA@GMAIL.COM](mailto:SANDRA@GMAIL.COM)  Password: \*\*\*\*\*\*\*\*\*  Click on login | Login failed because user is not a customer. |
| 1. Login as customer with correct password | Email: [sergeA@gmail.com](mailto:sergeA@gmail.com)  Password: \*\*\*\*\*\*\*\*\*  Click on login | Login successful and is brough to the home page |
| 1. Login a customer with incorrect password | Email: [sergeA@gmail.com](mailto:sergeA@gmail.com)  Password: \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Click on login | Password is incorrect place try again. |
| 1. Add a product to cart | Click on “add to cart” for a product displayed | Product added to cart |
| 1. Remove a product from cart | Click on “remove from cart” from any product displayed in the customer cart | Successfully removed “product” from cart |
| 1. Update the quantity for a product from the cart | Select a quantity from the dropdown list | Quantity changed for that product |
| 1. View cart | /Cart route | Displays all products in cart with the quantity, remove option, sell price, total price of all products plus tax and a checkout button |
| 1. Checkout with no products | Click on the checkout button | Error Message |
| 1. Checkout with one product | Click on the checkout button | Checkout page shows with their credit (or a form to use a new credit card), The products you are ordering, total price with taxes, a “place your order” button, and an option to cancel. |
| 1. Place order with valid credit card | Credit card: 4309827387307397  Click on “place your order” | Success message: order is being processed and will be delivered. |
| 1. Place order with invalid credit card | Credit card: 43098273873073973294923984  Click on “place your order” | Error message: please enter a valid credit card number |

# Manager Functionality:

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| Scenario | Input | Output |
| 1. Login using a manager account | Username/email: [qrindustryq@gmail.com](mailto:qrindustryq@gmail.com)  Password:  \*\*\*\*\*\*\*\*\* | Display home page |
| 1. View all the products | /Products.html route | Views all the products |
| 1. Views all the products by category | Click on List products by category button | The products are displayed by category name and ordered by description |
| 1. Searches for a product | Searches for “belt” | One product displayed: Belt display |
| 1. Search for a product that isn’t in the product table | Searches for “car” | No products show up |
| 1. Selects a product category form the dropdown list | Selects sparring gear | 4 products display: Sparring gloves, Headgear, Boots, Mouth guard |
| 1. Edits the stock for a product | Clicks on the pencil icon, enters in 10 for the stock, and clicks on Update | Page returns to the products page |
| All the test cases for the stock, sell price, and buy price is in the products test scenarios on page two. | | |
| 1. Wants to view all the orders for a certain day | Clicks on a date in the dropdown list on the order page | All the orders displayed on the page with the total amount |
| 1. Wants to view all the orders for a certain customer | Clicks on a customer’s name in the dropdown list | All the orders displayed on the page with the total amount |