| Identif ier | if Given/When/Then | | | | |
|---|---|--|--|--|--|
| Administrator Behaviors | | | | | |
| Users want the ability to sign up for the service, use their accounts, and modify account information as necessary. | | | | | |
| A1 | Given I Am On "Signup" And I Entered Correct Information When I Submit The Form Then I Am Signed Up | | | | |
| A2 | Given I Am On "Signup" And I Entered Incorrect Information When I Submit The Form Then I Am Not Signed Up | | | | |
| А3 | Given I am on "Login" And I Entered Correct Information When I Submit The Form Then I Am Logged In | | | | |
| A4 | Given I Am On "Login" And I Entered Incorrect Information When I Submit The Form Then I Am Not Logged In | | | | |
| A5 | Given I Am On "Account" When I Correctly Modify "Account Information" Then "Account" Fields Have "Been" Changed | | | | |
| A6 | Given I Am On "Account" When I Delete My Account Then My Account Is Deleted | | | | |
| A7 | Given I Am Logged Out When I Attempt To Navigate To "Account" Then I Can Not See Account Information | | | | |
| A8 | Given I Am Logged In When I Attempt To Navigate To "Account" Then I Can See Account Information | | | | |
| A9 | Given I Am On "Account" | | | | |

| | When I Incorrectly Modify "Account Information" Then "Account" Fields Have "Not Been" Changed | | | |
|-----|--|--|--|--|
| A10 | Given I want to create a new admin When I send a valid request Then a new admin is created. | | | |
| A11 | Given I want to create a new admin When I send a request without an admin body Then I receive an error code. | | | |
| A12 | Given I want to retrieve information about an admin When I send a valid request with the account's authorization token Then I receive the admin's information. | | | |
| A13 | Given I want to retrieve information about an admin When I send a request with an invalid authorization token Then I receive an error code. | | | |
| A14 | Given I want to update an existing admin's information When I send a valid request with the account's authorization token Then the account is updated. | | | |
| A15 | Given I want to update an existing admin's information When I send a request with an invalid authorization token Then I receive an error code. | | | |
| A16 | Given I want to delete an admin account When I send a valid request with the account's authorization token Then the account is deleted. | | | |
| A17 | Given I want to delete an admin account When I send a request with an invalid authorization token Then I receive an error code. | | | |
| A18 | Given I want to retrieve a list of administrators When I send a valid request Then I receive an error code. | | | |

Warehouse Behaviors

Users want to be able to create and interact with a list of warehouses, and keep their warehouse data secure from malicious users.

| Given I Am Logged Out When I Attempt To Navigate To Warehouses |
|--|
| |

| | Then I Can Not See Warehouse Information | | | |
|-----|---|--|--|--|
| W2 | Given I Am Logged In When I Attempt To Navigate To Warehouses Then I Can See My Warehouses | | | |
| W3 | Given I Am On Warehouses When Correctly Modify "Warehouse" Then "Warehouse" Fields Have "Been" Changed | | | |
| W4 | Given I Am On Warehouses And I Entered Correct Information When I Submit The Form Then A New Warehouse Is Created | | | |
| W5 | Given I Am On Warehouses And I Entered Incorrect Information When I Submit The Form Then A New Warehouse Is Not Created | | | |
| W6 | Given I Am On Warehouses When Delete A Warehouse Then The Warehouse Is Deleted | | | |
| W7 | Given I want to create a new warehouse When I send a valid request to the exposed endpoint Then a new warehouse is created. | | | |
| W8 | Given I want to create a new warehouse When I send an invalid request to the exposed endpoint Then I receive an error code. | | | |
| W9 | Given I want to retrieve certain warehouses under an account When I send a valid request with the account's authorization token Then I receive a list of the account's warehouses. | | | |
| W10 | Given I want to retrieve certain warehouses under an account When I send a request that is invalid Then I receive an error code. | | | |
| W11 | Given I want to update an existing warehouse under an account And I have a valid authorization token for the account When I send a request to update the warehouse information Then the warehouse is updated. | | | |
| W12 | Given I want to update an existing warehouse under an account | | | |

| | When I send a request that is invalid Then I receive an error code. | | | | |
|---------|---|--|--|--|--|
| W13 | Given I want to delete a warehouse under an account When I send a valid request with the account authorization token Then the warehouse is deleted. | | | | |
| W14 | Given I want to delete a warehouse under an account When I send a request with an invalid authorization token Then I receive an error code. | | | | |
| | Inventory Behaviors | | | | |
| Users \ | want to add items to their warehouse's inventory and make changes as those items are used. | | | | |
| I1 | Given I Am On "Warehouse" When I Click "btnManageWarehouse" Button Then I Am Taken to "Item" And I Can See Only Those Warehouse Items | | | | |
| 12 | Given I Am On "Item" When I Click "btnAddItem" Button Then "Add Item" Fields Are Visible | | | | |
| 13 | Given I Am On "Item" And I Entered Correct Information When I Submit The Form Then Item Is Added To Warehouse | | | | |
| 14 | Given I Am On "Item" When I Click "btnUpdateItem" Button Then "Item Modification" Fields Are Visible | | | | |
| 15 | Given I Am On "Item" When I Correctly Modify "Item" Then "Item" Fields Have "Been" Changed | | | | |
| 16 | Given I Am On "Item" And I Am Currently Modifying "Item" When I Click "btnCancel" Button Then "Item" Fields Have "Not Been" Changed | | | | |
| 17 | Given I Am On "Item" When I Click "btnDeleteItem" Button Then "Item" No Longer Exists | | | | |

| 18 | Given I Am Logged Out When I Attempt To Navigate To "Item" Then I Can Not See "Item" Information | | | |
|-----|--|--|--|--|
| 19 | Given I Am On "Item" And I Incorrectly Update "Item" When I Click "btnUpdateItem" Button Then "Item" Fields Have "Not Been" Changed | | | |
| I10 | Given I Am On "Item" When I Incorrectly Add "Item" When I Click "btnAddItem" Button Then I See An Error Message | | | |
| l11 | Given I want to retrieve items that are in a warehouse When I send a valid request with the account's authorization token Then I receive the existing items requested. | | | |
| l12 | Given I want to retrieve items that are in a warehouse When I send a request with an invalid authorization token Then I receive an error code. | | | |
| I13 | Given I want to put a new item in a warehouse When I send a valid request with the account's authorization token Then the item is added to the warehouse. | | | |
| l14 | Given I want to put a new item in a warehouse When I send an invalid request Then I receive an error code. | | | |
| I15 | Given I want to update an existing item in a warehouse When I send a valid request with the account's authorization token Then the item is updated. | | | |
| I16 | Given I want to update an existing item in a warehouse When I send a request with an invalid authorization token Then I receive an error code. | | | |
| l17 | Given I want to delete an existing item in a warehouse When I send a valid request with the account's authorization token Then the item is deleted. | | | |
| I18 | Given I want to delete an existing item in a warehouse When I send a request with an invalid authorization token Then I receive an error code. | | | |

Usability Behaviors

Users want to be able to easily utilize the website, understanding the structure of stored data and

| U1 | Given the user is logged in And the user wants to see their warehouses When they are on <page> Then there's a button they can click</page> | | | | |
|------------|--|---|--|--|--|
| U2 | Given I Am On " <page1>", When I Click "<button>" Button Then I Am Taken To <page2></page2></button></page1> | | | | |
| U2 Data | page1 button Landing btnSignup Landing btnLogin Landing btnLanding Signup btnSignup Signup btnLogin Signup btnLogin Signup btnLanding Login btnSignup Login btnSignup Login btnLanding Login btnLanding Home btnHome Home btnHome Home btnAccount Home btnWarehouse Account btnWarehouse Account btnUpdateAccount Warehouse btnHome Warehouse btnHome Warehouse btnManageWarehouse Item btnHome Item btnAccount Item btnAccount Item btnWarehouse Item btnAccount Item btnBaccount Item btnBaccount | page2 Signup Login Landing Signup Login Landing Signup Login Landing Home Account Warehouse Home Account Warehouse Home Account Warehouse Account Warehouse Item Home Account Warehouse Item Home Account | | | |
| U3 | Given I Am On <page1> And I am <performingaction> When I Click "<button>"</button></performingaction></page1> | | | | |

| | Then I Am Taken To " <page2>"</page2> | | | | | |
|------------|--|--|--|--|--|--|
| | page1 performingAction button page2 | | | | | |
| | Account Deleting Account btnHome Home | | | | | |
| | Account Deleting Account btnAccount Account | | | | | |
| | Account Deleting Account btnWarehouse Warehouse | | | | | |
| | Account Deleting Account btnCancelDeleteAccount Account | | | | | |
| | Account Deleting Account btnConfirmDeleteAccount Landing | | | | | |
| U3 | Warehouse Adding Warehouse btnHome Home | | | | | |
| Data | Warehouse Adding Warehouse btnAccount Account | | | | | |
| | Warehouse Adding Warehouse btnWarehouse Warehouse | | | | | |
| | Warehouse Adding Warehouse btnManageWarehouse Item | | | | | |
| | Item Adding Item btnHome Home | | | | | |
| | Item Adding Item btnAccount Account | | | | | |
| | Item Adding Item btnWarehouse Warehouse | | | | | |
| | Item Adding Item btnDeleteItem Item | | | | | |
| | Item Updating Item btnHome Home Item Updating Item btnAccount Account | | | | | |
| | Item Updating Item bthAccount Account | | | | | |
| | Item Updating Item btnUpdateItem Item | | | | | |
| | Item Updating Item btnDeleteItem Item | | | | | |
| | Item Updating Item btnCancel Item | | | | | |
| U4 | Given I Am On <page1> When I Click <button> Then I Am Taken To <page2> And I Am <performingaction></performingaction></page2></button></page1> | | | | | |
| | page1 button page2 performingAction | | | | | |
| U4 Data | Account btnDeleteAccount Account Deleting Account | | | | | |

| | Warehouse btnAddWarehouse Warehouse Adding Warehouse Item Adding Item Item Item Updating Item | | | | | | |
|--|---|--|--|--|--|--|--|
| U5 | Given I am on <page1> And I am <performingaction1> When I click <button> Then I am taken to <page2> And I Will Be Performing<performingaction2></performingaction2></page2></button></performingaction1></page1> | | | | | | |
| U5 Data | pagel performingAction button page2 performingAction2 Account Deleting Account btnUpdateAccount Deleting Account Account Warehouse Adding Warehouse btnAddWarehouse Warehouse Adding Warehouse Item Adding Item btnAddItem Item Adding Item Item Adding Item btnUpdateItem Item Updating Item Item Updating Item btnAddItem Item Adding Item | | | | | | |
| Navigation Transitions As a Logged In User I want to be able to navigate the website So that I can manage my warehouses and inventory easily. | | | | | | | |
| As a Logged Out User I want to be able to sign up/sign in So that I can access and use my inventory application | | | | | | | |
| N1 | Scenario Outline: Given I Am Logged " <inout>" And I Am On "<page1>" When I Attempt To Directly Navigate to "<page2>" Then I Am Taken To "<page3>"</page3></page2></page1></inout> | | | | | | |
| | | | | | | | |

| Home

| In | Home | Item

| In Account | Ī | Landing | T | Home |
|-----------------|---|------------|---|------------|
| In Account | T | Signup | - | Home |
| In Account | T | Login | - | Home |
| In Account | T | Home | T | Home |
| In Account | T | Warehouses | - | Warehouses |
| In Account | T | Item | T | Home |
| In Warehouses | 1 | Landing | - | Landing |
| In Warehouses | | Signup | | Home |
| In Warehouses | | Login | | Home |
| In Warehouses | | Home | - | Home |
| In Warehouses | | Account | | Account |
| In Warehouses | - | Item | | Home |
| In Item | - | Landing | | Home |
| In Item | - | Signup | - | Home |
| In Item | | Login | | Home |
| In Item | | Home | | Home |
| In Item | | Account | | Account |
| In Item | | Warehouses | T | Warehouses |
| Out Landing | | Signup | | Signup |
| Out Landing | | Login | | Login |
| Out Landing | - | Home | | Landing |
| Out Landing | - | Account | | Landing |
| Out Landing | - | Warehouses | | Landing |
| Out Landing | | Item | | Landing |
| Out Signup | | Landing | | Landing |
| Out Signup | | Login | | Login |
| Out Signup | - | Home | | Landing |
| Out Signup | | Account | | Landing |
| Out Signup | | Warehouses | | Landing |
| Out Signup | | Item | | Landing |
| Out Login | | Landing | | Landing |
| Out Login | - | Signup | | Signup |
| Out Login | | Home | | Landing |
| Out Login | - | Account | | Landing |
| Out Login | - | Warehouses | | Landing |
| Out Login | - | Login | | Landing |
| | | | | |