Use Case ID	Use Case Scenario	Test Case ID	Test	Steps to Test	Expected Result	Actual Result	Status	Defect ID	Notes
UC001 - Login	User successfully logs in from the login page	TEST-1	User fills out username and password field and clicks login. User should be taken to the main/welcome page and see their username and profile picture displayed in the navbar	1. Navigate to login page while not l 2. Fill out username field with valid u 3. Fill out password field with valid p	Home/welcome page loads and navbar displays logged in user's username and profile picture elements				
	User attempts to login with incorrect username	TEST-2	User fills out incorrect username, but correct password and clicks login. User should fail to login and see a message informing them that the username/password combinat is incorrect. Important for security reasons that message does not specify which field w	1. Navigate to login page while not l 2. Enter incorrect username (not in u 3. Enter correct password (for some	User should fail to login, remain in the login page, and see a message informing them they have an incorrect username/password combination				
	User attempts to login with incorrect password	TEST-3	User fill out correct username, but incorrect password field, and clicks the login button. User should fail to login and see a message informing them that the username/passwo combination is incorrect.	1. Navigate to the login page while n 2. Fill out username field with valid u 3. Fill out password with invalid pass	User should fail to login, remain in the login page and see a message informing them they have an incorrect username/password combination				
	User attempts to login without entering username	TEST-4	User neglects to enter a username, but enters a password and clicks login. User shoul fail to login and see a message informing them that they should enter in a username.	1. Navigate to login page while not s 2. Fill out password field (doesnt rea 3. Click login button	User should fail to login, remain in the login page and see a message informing them that they should enter in a username				
	User attempts to login without entering password	TEST-5	User enters in a valid username, but neglects to enter in a password and clicks login. User should fail to login and see a message informing them that they should enter in a password.	1. Navigate to login page while not l 2. Fill out username field with valid u 3. Click login button	User should fail to login, remain in the login page and see a message informing them that they should enter in a username				
	Admins logs in successfully from the login page	TEST-6	Admin enters in a valid username and password and clicks the login button. They should be taken to a special admin welcome page.	1. Navigate to login page while not s 2. Fill out username field with valid a 3. Fill out password field with matchi	Admin should be successfully logged in and taken to a special admin welcome page				
	When not logged in, navbar hides username and profile picture elements	TEST-7	While not logged in navbar should hide the username and profile picture elements located within the navbar	1. While not logged in, navigate to th	Navbar within the welcome page should be absent of any username or profile picture elements				
UC002-Registering	User registers successfully	TEST-8	User successfully fills out all fields and clicks register button. User should be successfully registered and taken to the login page to login to their newly created account.	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a valid new username 6. Enter in a valid new email 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should be successfully signed up and taken to the login page.				
	User attempts to register without username	TEST-9	User successfully filles out all fields, except username, and clicks register button. User should fail to register, remain in the register page, and see a message saying that they need to enter a username.	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a valid new email 6. Enter in a valid new password 7. Select user role from role selectio 8. Click signup button	User should fail to register, remain in register page, and see a message saying they need to enter in a username				
	User attempts to register without password	TEST-10	User successfully filles out all fields, except password, and clicks register button. User should fail to register, remain in the register page, and see a message saying tha they need to enter a password.	1. While not logged in, navigate to s 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a valid new email 6. Enter in a valid new username 7. Select user role from role selectio 8. Click signup button	User should fail to register, remain in register page, and see a message saying they need to enter in a password				
	User attempts to register without email	TEST-11	User successfully filles out all fields, except email, and clicks register button. User should fail to register, remain in the register page, and see a message saying that they need to enter a email.	1. While not logged in, navigate to s 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a valid new username 6. Enter in a valid new password 7. Select user role from role selectio 8. Click signup button	User should fail to register, remain in the register page, and see a message saying they need to enter in a email.				
	User attempts to register without firstname	TEST-12	User successfully filles out all fields, except firstname , and clicks register button. User should fail to register, remain in the register page, and see a message saying that they need to enter a firstname.	1. While not logged in, navigate to th 2. Enter in a valid new lastname 3. Enter in a valid new age 4. Enter in a valid new username 5. Enter in a valid new email 6. Enter in a valid new password 7. Select user role from role selectio 8. Click signup button	User should fail to register, remain in the register page, and see a message saying they need to enter in a firstname				
	User attempts to register without lastname	TEST-13	User successfully filles out all fields, except lastname, and clicks register button. User should fail to register, remain in the register page, and see a message saying that they need to enter a lastname.	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new age 4. Enter in a valid new username 5. Enter in a valid new email 6. Enter in a valid new password 7. Select user role from role selectio 8. Click signup button	User should fail to register, remain in the register page, and see a message saying they need to enter in a lastname				
	User attempts to register without age	TEST-14	User successfully filles out all fields, except age , and clicks register button. User should fail to register, remain in the register page, and see a message saying that they need to enter an age.	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new username 5. Enter in a valid new email 6. Enter in a valid new password 7. Select user role from role selectio 8. Click signup button	User should fail to register, remain in the register page, and see a message saying they need to enter in a age.				

User attempts to register without selecting a role	TEST-15	User successfully filles out all fields, except role , and clicks register button. User should fail to register, remain in the register page, and see a message saying that they need to select a role.	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a valid new username 6. Enter in a valid new email 7. Enter in a valid new password 8. Click signup button	User should fail to register, remain in the register page, and see a message saying they need to select a role		
User attempts to register a username thats already tak	TEST-16	User successfully filled out all fields, except they enter a username that is already taken. User should fail to register, remain in the register page, and see a message say that the username is already taken	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a username that is alread 6. Enter in a valid new email 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that the username is already taken		
User attempts to register an email thats already taken	TEST-17	User successfully filled out all fields, except they enter an email that is already taken. User should fail to register, remain in the register page, and see a message say that the email is already taken	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a valid new username 6. Enter in an email that is already ta 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that the email is already taken		
User attempts to register with age under 0 or lower	TEST-18	User successfully filled out all fields, except they select an age that is 0 or lower. User should fail to register, remain in the register page, and see a message saying that the age needs to be greater than 0	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in an age that is lower than 5. Enter in a valid new username 6. Enter in a valid new email 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that age cannot be 0 or lower		
User attempts to register with age over 125 years	TEST-19	User successfully filled out all fields, except they select an age that is 125 or higher. User should fail to register, remain in the register page, and see a message saying that the age needs to be less than 125	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in an age that is over 125 y 5. Enter in a valid new username 6. Enter in a valid new email 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that age cannot be above 125		
User attempts to register invalid email format	TEST-20	User successfully filled out all fields, except they enter an email with an invalid format, (no domain name, no .com or similar at end). User should fail to register, remain in the register page, and see a message saying that the email is invalid	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a valid new username 6. Enter in an email that doesnt have 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that the email is invalid		
User attempts to input firstname over 255 characters	TEST-21	User successfully filled out all fields, except they used over 255 characters for firstnam field. User should fail to register, remain in the register page, and see a message saying that firstname cannot be over 255 characters.	1. While not logged in, navigate to th 2. Enter in a firstname with over 255 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a valid new username 6. Enter in a valid new email 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that firstname cannot be over 255 characters		
User attempts to input lastname over 255 characters	TEST-22	User successfully filled out all fields, except they used over 255 characters for lastnam field. User should fail to register, remain in the register page, and see a message saying that lastname cannot be over 255 characters.	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a last name with over 255 4. Enter in a valid new age 5. Enter in a valid new username 6. Enter in a valid new email 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that lastname cannot be over 255 characters		
User attempts to input email over 255 characters	TEST-23	User successfully filled out all fields, except they used over 255 characters for email field. User should fail to register, remain in the register page, and see a message saying that email cannot be over 255 characters.	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a valid new username 6. Enter in an email with over 255 ch 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that email cannot be over 255 characters		

	Test Title	Test ID	Description	Steps	Expected Result			
	User attempts to input username over 255 characters	TEST-24	User successfully filled out all fields, except they used over 255 characters for usernam field. User should fail to register, remain in the register page, and see a mesage saying that username cannot be over 255 characters.	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in a valid new age 5. Enter in a username with over 25 6. Enter in a valid new email 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that username cannot be over 255 characters			
	User attempts to use non-numeric characters for age	TEST-25	User successfully filled out all fields, except they used non numeric characters for age field. User should fail to register, remain in the register page, and see a message saying that age must use only numeric characters.	1. While not logged in, navigate to th 2. Enter in a valid new firstname 3. Enter in a valid new lastname 4. Enter in non numeric characters f 5. Enter in a valid new username 6. Enter in a valid new email 7. Enter in a valid new password 8. Select user role from role selectio 9. Click signup button	User should fail to register, remain in the register page, and see a message saying that age must only use numeric characters			
UC003-User Profile	Given a user is logged in, accessing the profile page	TEST-26	Given that a user is logged in, when they click the profile picture in the navbar, they should be taken to their profile page.	1. While logged in, navigate to welco 2. Click on profile picture in navbar	User should be taken to profile page			
	Given a user is NOT logged in, attempting to access th	TEST-27	Given that a user is not logged in, when they (somehow) navigate to the profile page, they should be redirected to the login page	1. While not logged in, attempt to dir to profile page	User should be redirected to the login page			
	Given a user is logged in, viewing the profile page (act	TEST-28	Given that a user is logged in, when they are at the profile page, their profile informatio should populate and be accurate for their account.	1. While logged in, navigate to profil	User should be able to see self identifying information in their profile page, such as their first and last name			
	User changing username successfully	TEST-29	Given that a user is logged in and at their profile page, when they change their usernar field and click submit, they should see their username change	1. While logged in, navigate to profil 2. Fill out username field with new v 3. Click save changes button	User should see their username change in their profile page			
	User attempting to change username to already taken	TEST-30	Given that a user is logged in and at their profile page, when they change their usernar to an already taken username and click submit, they should see a message saying tha the username is already taken	1. While logged in, navigate to profil 2. Fill out username field with new u 3. Click save changes button	User should see a message saying that the username is already taken, and not see their username change			
	User changing password successfully	TEST-31	Given that a user is logged in and at their profile page, when they change their passwc and click submit, they should see their password change. (subject to change. This one might be tricky to test)	1. While logged in, navigate to the p 2. Fill out password field with new pa 3. Click save changes button	User should see their password change?			
	User changing email successfully	TEST-32	Given that a user is logged in and at their profile page, when they change their email and click submit, they should see their email change.	1. While logged in, navigate to the p 2. Fill out email field with new valid e 3. Click save changes button	User should see their email change in their profile page			
	User attempting to change email but email is already ta	TEST-33	Given that a user is logged in and at their profile page, when they attempt to change their email to one that is already taken and click submit, they should see a message saying that the email is already taken.	1. While logged in, navigate to the p 2. fill out email field with email that is 3. Click save changes button	User should see a message saying that the email is already taken, and not see their email change			
	User attempting to change email but email is invalid for	TEST-34	Given that a user is logged in and at their profile page, when they attempt to change their email to an invalid email format and click submit, they should see a message saying that the email must be in a valid format	1. While logged in, navigate to the p 2. Fill out email field with invalid em 3. Click save changes button	User should see a message saying that the email is in an invalid format, and not see their email change			
	Changing firstname successfully	TEST-35	Given that a user is logged in and at their profile page, when they change their firstnan and click submit, they should see their firstname change.	1. While logged in, navigate to the p 2. Fill out firstname field with new fir 3. Click save changes button	User should see their firstname change in their profile page			
	Changing lastname successfully	TEST-36	Given that a user is logged in and at their profile page, when they change their lastnam and click submit, they should see their lastname change	1. While logged in, navigate to the p 2. Fill out lastname field with new las 3. Click save changes button	User should see their lastname change in their profile page			
	Changing age successfully	TEST-37	Given that a user is logged in and at their profile page, when they change their age and click submit, they should see their age change.	1. While logged in, navigate to the p 2. Fill out age field with new age 3. Click save changes button	User should see their age change in their profile page			
	Attempting to change ago to over 125 years	TEST-38	Given that a user is logged in and at their profile page, when they change their age to be over 125 years and click submit, they should see a message saying that their age cannot be over 125 years old	1. While logged in, navigate to the p 2. Fill out age field with age that is a 3. Click save changes button	User should see a message saying that they cannot change their age to be over 125 years, and not see their age change in their profile page			
	Attempting to change age to 0 or under	TEST-39	Given that a user is logged in and at their profile page, when they change their age to be 0 or less and click submit, they should see a message saying that their age cannot be 0 or less years old.	1. While logged in, navigate to the p 2. Fill out age field with age that is b 3. Click save changes button	User should see a message saying that they cannot change their age to be below 0 years old, and not see their age change in their profile page			
	Attempting to use non-numeric characters in age field	TEST-40	Given that a user is logged in and at their profile page, when they change their age to be something other than a numeric character and click submit, then they should see a message saying that age can only be numeric characters	1. While logged in, navigate to the p 2. Fill out age field with non-numeric 3. Click save changes button	User should see a message saying that their age must be a number, and not see their age change in their profile page			
	User attempts to change firstname to over 255 charact	TEST-41	Given that a user is logged in and at their profile page, when they change their firstnan to be over 255 characters and click submit, they should see a message saying that firstname cannot be over 255 characters	1. While logged in, navigate to the p 2. Fill out firstname field with over 25 3. Click save changes button	User should see a message saying that their firstname cannot be over 255 characters, and not see their firstname change in their profile page			
	User attempts to change lastname to over 255 charact	TEST-42	Given that a user is logged in and at their profile page, when they change their lastnam to be over 255 characters and click submit, they should see a message saying that lastname cannot be over 255 characters	1. While logged in, navigate to the p 2. Fill out lastname field with over 25 3. Click save changes button	User should see a message saying that lastname cannot be over 255 characters, and not see their lastname change in their profile page			
	User attempts to change username to over 255 charac	TEST-43	Given that a user is logged in and at their profile page, when they change their usernar to be over 255 charactrers and click submit, they should see a message saying that username cannot be over 255 characters	1. While logged in, navigate to the p 2. Fill out username field with over 2 3. Click save changes button	User should see a message saying that their username cannot be over 255 characters, and not see their username change in their profile page			
	User attempts to change email to over 255 characters	TEST-44	Given that a user is logged in and at their profile page, when they change their email to be over 255 characters and click submit, they should see a message saying that email cannot be over 255 characters	1. While logged in, navigate to the p 2. Fill out email field with over 255 c 3. Click save changes button	User should see a message saying that their email cannot be over 255 characters, and not see their email change in their profile page			

	User attempts to change firstname to blank	TEST-93	Given that a user is logged in and at their profile page, when they change their firstname to blank and click submit, they should see a message saying that firstname cannot be blank	1. While logged in, navigate to the p 2. Change firstname field to blank 3. Click save changes button	User should see a message saying that their firstname cannot be blank, and not see their firstname change in their user profile page
	User attempts to change lastname to blank	TEST-94	Given that a user is logged in and at their profile page, when they change their lastname to blank and click submit, they should see a message saying that lastname cannot be blank	1. While logged in, navigate to the p 2. Change lastname field to blank 3. Click save changes button	User should see a message saying that their lastname cannot be blank, and not see their lastname change in their user profile page
	User attempts to change email to blank	TEST-95	Given that a user is logged in and at their profile page, when they change their email to blank and click submit, they should see a message saying that email cannot be blank	1. While logged in, navigate to the p 2. Change email field to blank 3. Click save changes button	User should see a message saying that their email cannot be blank, and not see their email change in their user profile page
	User attempts to change username to blank	TEST-96	Given that a user is logged in and at their profile page, when they change their username to blank and click submit, they should see a message saying that username cannot be blank	1. While logged in, navigate to the p 2. Change username field to blank 3. Click save changes button	User should see a message saying that their username cannot be blank, and not see their username change in their user profile page
	User attempts to change password to blank	TEST-97	Given that a user is logged in and at their profile page, when they change their password to blank and click submit, they should see a message saying that password cannot be blank	1. While logged in, navigate to the p 2. Change password field to blank 3. Click save changes button	User should see a message saying that their password cannot be blank, and not see their password change in their user profile page
	User attempts to change age to blank	TEST-98	Given that a user is logged in and at their profile page, when they change their age to blank and click submit, they should see a message saying that age cannot be blank	1. While logged in, navigate to the p 2. Change age field to blank 3. Click save changes button	User should see a message saying that their age cannot be blank, and not see their age change in their user profile page
UC004-Cart	User adding item to cart when logged in	TEST-45	Given that a user is logged in and at the products page, when they select add to cart on one of the products, the product should be added to their cart	1. While logged in, navigate to produ 2. Click add to cart on one of the pro	Product should appear in users cart page
	User removing item from cart	TEST-46	Given that a user is logged in and at their cart page with an item in their cart, when they select remove from cart on the product, the product should be removed from their cart	1. While logged in, navigate to produ 2. Click add to cart on one of the pro 3. Click cart link/button in navbar 4. Click remove item from cart from	Product should no longer appear in users cart page
	User removing all items from cart at once	TEST-47	Given that a user is logged in and at their cart with more than one item in their cart, when they click the remove all button, all the products should be removed from their cart-	1. While logged in, navigate to produ 2. Click add to cart on two different p 3. Click cart link/button in navbar 4. Click remove all from cart button	All products in users cart should no longer appear in users cart page
	User attempting to add item to cart when not logged in	TEST-48	Given that a user is not logged in and at the products page, when they click add produ on a product, they should be taken to the login page	1. While not logged in, navigate to p 2. Click add to cart on one of the pro	User should be taken to the login page
	User attempting to add item to cart that is out of stock	TEST-49	Given that a user is at the products page, when they attempt to add a product that is out of stock to their cart, they should see a message saying that the item is out of stock, or otherwise prevented from adding it to their cart	1. While logged in, navigate to produ 2. Click add to cart on product that i	Product should fail to be added to users cart, and not appear in cart page
	User adding item that is already in their cart	TEST-50	??? Need to get with team to figure out what behavior we want in this case ???		
UC005-Searching for F	User searches for product by keyword	TEST-52	When a user enters a query into the navbar search field and hits the search button, they should be taken to the search results page and see products listed (Separate manual test for seeing if results are arcurate or not)	1. Enter in a query in the search fiel 2. Click search button in navbar	User should be taken to search results page and see a list of products
UC006-Display Produc	Default/welcome page shows products	TEST-53	When a user is at the welcome page, they should see products listed	1. Navigate to the welcome page	User should see products listed in the welcome page
	Product is out of stock	TEST-55	Given a user is at the products page and an item is out of stock, the user should have some kind of marker showing that it is out of stock	1. Navigate to the products page	User should see an "out of stock" warning on items that are out of stock
UC007-Checkout	User goes to checkout page with items in cart	TEST-56	Given that a user has items in their cart, when they click checkout while in the cart page, they should be taken to the checkout page	1. While logged in, navigate to the p 2. Click add to cart on one of the pro 3. Click cart button/link in navbar 4. Click checkout button in cart page	User should be taken to checkout page
	User successfully checks out	TEST-57	Given that a user has items in their cart and is at the checkout page, when they enter in their payment info, and their shipping info, and their personal info, they should successfully be checked out, recieve some kind of confirmation, and the products shou have their quantity reduced by the approriate amount	1. While logged in, navigate to the p 2. Click add to cart on one of the pro 3. Click cart button/link in navbar 4. Click checkout button in cart page 5. Enter in valid checkout informatio 6. Click checkout button in checkout	User should be shown some kind of confirmation of their order. Perhaps an order confirmation page?
	User cancels checkout (back to shopping)	TEST-58	Given that a user has items in their cart and is at the checkout page, when they click the cancel checkout button, they should be taken back to the main page with the items in their cart	1. While logged in, navigate to the p 2. Click add to cart on one of the pro 3. Click cart button/link in navbar 4. Click checkout button in cart page 5. Click cancel checkout button in ch	User should be taken back to the welcome page, with all items remaining in their cart
	cc# is invalid	TEST-59	Given that a user has items in their cart and is at the checkout page, when they enter in an invalid cc number, they should see a message saying that their creditcard numbe is invalid	1. While logged in, navigate to the p 2. Click add to cart on one of the pro 3. Click cart button/link in navbar 4. Click checkout button in cart page 5. Enter in invalid cc number, all oth	User should see a message saying that the credit card number is invalid, and remain in the checkout page
	Expiration date is invalid	TEST-60	Given that a user has items in their cart and is at the checkout page, when they enter in an invalid expiration date, they should see a message saying that their expiration date is invalid	1. While logged in, navigate to the p 2. Click add to cart on one of the pro 3. Click cart button/link in navbar 4. Click checkout button in cart page 5. Enter in invalid expiration date, al	User should see a message saying that the expiration date is invcalid, and remain in the checkout page
	Security number is invalid	TEST-61	Given that a user has items in their cart and is at the checkout page, when they enter in an invalid card security number, they should see a message saying that their security number is invalid	1. While logged in, navigate to the p 2. Click add to cart on one of the pro 3. Click cart button/link in navbar 4. Click checkout button in cart page 5. Enter in invalid security number, a	User should see a message saying that the security number is invalid, and remain in the checkout page

UC008-Sales/Deals	User can see products on sale at main page	TEST-62	Given that a user is on the welcome page, they should be able to see a list of products that are on sale	1. Navigate to welcome page	User should see a listed of items on sale				
	User adds a product on sale to cart	TEST-63	Given that a user is logged in at the welcome page, when they add an item that is on sale to their cart, the item should be added to their cart at the sale price	1. While logged in, navigate to welco 2. Add a product that is marked for s 3. Navigate to cart page	User should see the item on sale added to their cart. When in the cart page, the price should match the sale price				
	Admin applying sales to items successfully	TEST-64	Given that an admin is logged in and at the product management page, when they put a product on sale, this change should be reflected on the product for users	1. While logged in as an admin, nav 2. Mark a product for sale 3. Navigate to welcome page	Admin/users should be able to see the item now on sale, with the proper sale price				
	Admin removing items from sale successfully	TEST-65	Admins should be able to remove items that were previously on sale back to their original price	1. While logged in as an admin, nav 2. Remove a sale from an item that 3. Navigate to welcome page	Admin/users should be able to see the itme is no longer on sale, and is back to its original price				
	Admin attempting to put item on sale for 100%+ (free)	TEST-66	Admin attempting to put an item on sale for more than 100%+ off, i.e. for free. Should see a message saying that items cannot be put on sale for 100% or more	1. While logged in as an admin, nav 2. Apply 100% off to a product	Admin should see a message saying that items cannot be place at more than 99% off				
	Admin attempting to put an item on 'sale' for more than	TEST-67	Admin attempting to put an items on sale for more than the original price. Should see a message saying that items cannot be marked up	1. While logged in as an admin, nav 2. Apply a negative percentage off fo	Admin should see a message saying that items cannot be put on sale for higher than their original sale price				
UC009-Featured Produ	User can see a list of featured products at the main pa	TEST-68	Given a user is at the main page, they should see a list of featured products. Distinct from sale products, these are just *special* somehow I guess	1. Navigate to the welcome page	User should see a featured item section, with products in it				
	Admin adding featured items to featured items list	TEST-69	Admins can login and mark certain products as featured products. These products should then show up in the featured products section of the welcome page	1. While logged in as an admin, nav 2. Select a product to add to feature 3. Navigate to welcome page	Admin/users should be able to see the newly created featured item in the featured items section of the welcome page				
	Admin removing featured items from featured items list	TEST-70	Admins can login and remove products from the featured products list. These products should then no longer show up in the featured products sections of the welcome page	1. While logged in as an admin, nav 2. Remove a featured item from feat 3. Navigate to welcome page	Admins/users should no longer be able to see the product in the featured items section of the welcome page				
UC010-Dark Mode	User can switch to dark mode	TEST-71	Users can click dark mode button in the navbar to switch from lightmode to darkmode	1. Navigate to welcome page 2. Click dark mode button in navbar	Users should see the styling of the website change to a "darkmode" styling				
	User can switch to light mode	TEST-72	Users can click light mode button in the navbar to switch from darkmode to lightmode	1. Navigate to welcome page 2. Click dark mode button in navbar 3. Click light mode button in navbar	Users should see the styling of the website change back to the tradtional "lightmode" styling				
UC011-Quantity Select	When adding an item to cart, user can select a specific	TEST-73	When a user is in the products page, they can select a quantity of product they would like. (not adding to cart yet, just changing the quantity on the product before they add it to their cart)	1. While logged in, navigate to produ 2. Adjust the quantity of a product up 3. Adjust the quantity of a product de	User should see the quantity of the product change				
	User adding an item of multiple quantity to cart	TEST-74	When a user adds a product with a quantity of 2 or more to their cart, the product is actually added to their cart with the quantity selected	1. While logged in, navigate to produ 2. Adjust quantity of a product to two 3. Add product of quantity 2 to cart 4. Navigate to cart page	User should see the proper quantity of product added to their cart in the cart page				
	User checking out with an item of multiple quantity	TEST-75	When a user checks out with a product with multiple quantity, user should be charged the proper amount, ordered the proper amount, and the proper amount of quantity should be removed from the website's stock	1. While logged in, navigate to produ 2. Adjust quantity of a product to two 3. Add product of quantity 2 to cart 4. Navigate to checkout page 5. Checkout successfully	User should see that the checkout page properly reflects the quantity of the products they are trying to check out with, with a proper price for the quantity of items				
	User removing an item of multiple quantity from cart	TEST-76	When removing an item of multiple quantity from a user's cart, should properly remove the product. (Probably dont need a separate test case for this, but wont hurt having it either)	1. While logged in, navigate to produ 2. Adjust quantity of a product to two 3. Add product of quantity 2 to cart 4. Navigate to cart page 5. Remove product of quantity 2 from	User should see the entire quantity of product removed from their cart				
	User changing quantity of item in cart	TEST-77	Given that a user has items in their cart, they can change the quantity of the items in their cart, and see the quantity change to the correct amount	1. While logged in, navigate to produ 2. Add product of quantity 1 to cart 3. Navigate to cart page	User should see the quantity of the item in their cart change to the appropriate amount				
	User selecting 0 or less as quantity	TEST-78	When a user attempts to change the quantity to 0 or less, a message should display saying that the quantity cannot be 0 or less	1. While logged in, navigate to produ 2. Change quantity of product to 0	User should see a message saying that the quantity of a product cannot be 0 or less				
UC012-Resetting Pass	User resetting password successfully	TEST-79	(I think we will cross this bridge when we get to it, same for the rest of the scenarios beyond this point. They are all on the product backlog and not included in this sprint)						
	User attempts to reset password, but fails security che	TEST-80							
UC013-Bidding/Auction	User listing their own item for auction	TEST-81							
	User attempting to list an item while not logged in	TEST-82							
	User bidding on an auction	TEST-83							
	Time runs out on an auction with a winner	TEST-84							
	Time runs out on an auction with no bidders	TEST-85							

UC014-Notifications	User has checked out/bought products	TEST-86							
	User has won an auction theyve bid on	TEST-87							
	User has lost an auction theyve bid on	TEST-88							
	Auction for an item a user has listed has concluded wit	TEST-89							
	Auction for an item a user has listed has concluded wit	TEST-90							
UC015-Flash Deals	Items that are on sale that meet a certain criteria are la	TEST-91							
UC018-Logout	User should be able to logout	TEST-92							
UC016-Tech Support Chat									
UC017-Admin Sales Metrics Dashboard									