Use Case	View Wishlist
Summary	The wishlist is retrieved and displayed in a table
Actor	Registered User
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is logged in.
Postconditions	The user can view his or her wishlist
Trigger	The user requests their account information page.
Base Sequence	1. The ViewController sends an API request for the wishlist items to the server. 2. The server gathers all the items in the user wishlist and returns it 3. The VC renders the table for the wishlist
Branch Sequence	-
Exception Sequence	There are no exceptions

Use Case	View Product Details
Summary	The user gets to see a details page of a single product
Actor	Unregistered User
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser.
Postconditions	The user has a view of the details of a single product
Trigger	The user requests the details page for a product
Base Sequence	1. The browser sends a request for the details page. 2. The browser returns the details page. 3. The ViewController requests the product data from the server. 4. The server fetches and returns the product data. 5. The view is loaded with the product data.
Branch Sequence	1. Add Product to Favorites. 2. Add Product to Wishlist. 3. Add Product to Cart
Exception Sequence	EX1: The requested item does not exist. A 404 error is displayed.

Use Case	View Order History
Summary	The orders are retrieved and displayed in a table
Actor	Registered User
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is logged in
Postconditions	The user can view his or her order history
Trigger	The user requests their account information page.
Base Sequence	1. The ViewController sends an API request for the orders to the server. 2. The server gathers all the orders and their items and returns it back to the ViewController. 3. The data for the orders is rendered in a table by the VC.
Branch Sequence	-
Exception Sequence	There are no exceptions

Use Case	View favorites
Summary	The favorites are retrieved and displayed in a table
Actor	Registered User
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is logged in.
Postconditions	The user can view his or her favorite items.
Trigger	The user requests their account information.
Base Sequence	1. The ViewController sends an API request for the wishlist items to the server. 2. The server gathers all the items in the user wishlist and returns it 3. The VC renders the table for the wishlist
Branch Sequence	-
Exception Sequence	There are no exceptions

Use Case	View Cart
Summary	The user gets to see all the items in his or her cart
Actor	Unregistered User
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser.
Postconditions	The user has a view of the cart
Trigger	The user requests the cart page.
Base Sequence	1. The browser sends a request for the cart page. 2. The server returns the basic cart page. 3. The ViewController gets the cart items from local storage. 4. The ViewController renders the cart items in the view.
Branch Sequence	1. Place order 2. Remove product from cart
Exception Sequence	EX1: The cart is empty The cart view states there are no items.

Use Case	View All Products
Summary	The connects to the website and views all products
Actor	Unregistered User
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser.
Postconditions	The user views all the items on the website.
Trigger	The user requests the products page
Base Sequence	1. The browser sends a request to the product page. 2. The server returns the basic products view 3. The ViewController gets all the products from the server 4. The ViewController renders the product items in the view.
Branch Sequence	
Sub Usecase	1. Filter Product

Use Case	View Account
Summary	A registered user wishes to view his or her account
Actor	Registered User
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is logged in.
Postconditions	The user views all his account details
Trigger(s)	The user requests the account page.
Base Sequence	1. The user uses his device to navigate to the account page 2. The server returns the basic account view 3. The ViewController gets all the account info from the server 4. The ViewController gets all the addresses for the user from the server 5. The ViewController renders the account info and addresses in the view.
Branch Sequence	1. Change user information 2. Add address
Sub Usecase	1. View order history 2. View favorites 3. View wishlist

Use Case	Register new user
Summary	An unregistered user creates a new account.
Actor	Unregistered User
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser.
Postconditions	The new account is created.
Trigger(s)	The user submits the account creation form.
Base Sequence	1. The user submits the account creation form. 2. The ViewController gathers the data and sends it to the API. 3. The server creates the account. 4. The server returns a result based on success. 5. The user receives a notification about the account being created.
Branch Sequence	1. Change user information 2. Add address
Exceptions	1. The account already exists
Sub Usecase	

Use Case	Remove product from cart
Summary	The user removes a product from the cart
Actor	Unregistered user
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is viewing the cart There must be at least 1 item in the cart.
Postconditions	The item has been removed from the cart
Trigger(s)	The user clicks the remove cart item button
Base Sequence	1. The user selects an item to remove. 2. The ViewController removes the item from the localstorage 3. The ViewController refreshes the cart page.
Branch Sequence	
Sub Usecase	

Use Case	Add product to favorites
Summary	A registered user adds a product to his favorites
Actor	Registered user
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is logged in The user must've bought the item before The user is viewing the product details page.
Postconditions	The product is added to the user's favorite
Trigger(s)	The user selects to favorite a product
Base Sequence	1. The ViewController sends a favorite request to the API. 2. The server adds the product to the favorites. 3. The server sends an acknowledgement to the ViewController. 4. The ViewController updates the view with an updated favorite button.
Branch Sequence	
Exceptions	
Sub Usecase	

Use Case	Add product to wishlist
Summary	A registered user adds a product to his wishlist
Actor	Registered user
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is logged in. The user is viewing the product details page.
Postconditions	The product is added to the user's wishlist
Trigger(s)	The user selects to add a product to their wishlist
Base Sequence	1. The ViewController sends a wishlist request to the API. 2. The server adds the product to the wishlist. 3. The server sends an acknowledgement to the ViewController. 4. The ViewController updates the view with an updated wishlist button.
Branch Sequence	
Exceptions	
Sub Usecase	

Use Case	Log in
Summary	A user wishes logs into an existing account
Actor	Unregistered user
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser.
Postconditions	The user is logged in and on the account page
Trigger(s)	The user submits the login form
Base Sequence	1. The ViewController get the data from the login form. 2. The ViewController sends the API the login data, 3. The server checks the login data. 4. The server returns a header setting a session cookie. 5. The user is redirected to their account page.
Branch Sequence	
Exceptions	EX!: The user is already logged in. Nothing happens. EX2: The credentials are incorrect. The user receives a notification that the login was incorrect.
Sub Usecase	

Use Case	Place order
Summary	A registered user places an order for some items
Actor	Registered user
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is logged in. The user has a shopping cart with at least 1 item. The user is on the 'cart' page
Postconditions	An order has been created.
Trigger(s)	The user pressed the 'place order' button.
Base Sequence	1. The ViewController retrieves the cart items. 2. The ViewController sends the API the products. 3. The server creates an order for the user. 4. The sends an acknowledgement of order creation. 5. The user is redirected to the order details page.
Branch Sequence	
Exceptions	
Sub Usecase	

Use Case	Add product to cart
Summary	An item gets added to the user's cart
Actor	Registered user
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is on the product details page.
Postconditions	An item is added to the cart.
Trigger(s)	The user selects an item to add to the cart.
Base Sequence	1. The ViewController retrieves the current item. 2. The ViewController adds the item to the local storage. 3. The ViewController updates the add to cart button.
Branch Sequence	
Exceptions	
Sub Usecase	

Use Case	Change user information
Summary	A user changes their personal information
Actor	Registered user
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is logged in. The user is on their account page.
Postconditions	The user's data has been updated.
Trigger(s)	The user submits the update details form.
Base Sequence	1. The ViewController retrieves the modified information. 2. The ViewController sends the updated info the API. 3. The API returns an acknowledgement of changing the data. 4. The ViewController refreshes the view.
Branch Sequence	
Exceptions	
Sub Usecase	

Use Case	Filter Products
Summary	The user filters the products on the list page.
Actor	Unregistered user
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is on the product list page.
Postconditions	The list only shows items matching the filter.
Trigger(s)	The user changes the products filters.
Base Sequence	1. The user selects / modifies the filter settings. 2. The ViewController retrieves all current filter items. 3. The ViewController removes all items from the view. 4. The ViewController adds only items to the view that match the filter
Branch Sequence	
Exceptions	
Sub Usecase	

Use Case	Add address
Summary	A user wishes to add an address to his account
Actor	Registered user
Preconditions	User is connected to the internet. The website is running and accessible. The server has the database of the website. The user has a device with a browser. The user is logged in. The user is on their account page.
Postconditions	An address has been added to the user.
Trigger(s)	The user submits the add address form.
Base Sequence	1. The ViewController retrieves the address data. 2. The address data is sent to the API. 3. The API returns an acknowledgement for the address. 4. The view is reloaded.
Branch Sequence	
Exceptions	
Sub Usecase	