Task 1 – Creating test cases for the Shop the Look feature

LooksListingPage and LooksDetailPage should become the 2 main page objects

LooksListingPage:

- * should be able to grab the 3 columns (or however many depending on resolution)
- * should be able to grab any particular listing from any column
- * should be able to grab the image, title or link
- * should be able to select anything from the dropdown filter and dismiss selection

LooksDetailPage:

- * should be able to model the room__container and looks__content;
- * should be able to extract all the room spots and the product items;
- * should be able to move the mouse to hover over a particular room spot;
- * should be able to interact with all elements from overlay;
- * should be able to model the navigation between look details.

Actors for use cases are the User and the Web-Server/Server

Use Case ID: TC-1

Use Case: User enters Looks Listing page and scrolls to the end

Purpose: User should be able to see all existing listing already loaded in a single page

Extra purpose: Each listing can be verified individually with a single point of truth (file, db, etc.)

U1: User opens Looks listing page	W2: Server loads all the listings and displays them in 3 columns
U3: User slowly scrolls to the bottom of the page	W4: Server displays images, titles and links to all listings

Automation notes: We're checking in automation that scrollingInView to each item they contain an image, title and link (we can cross reference check them with a single point of truth as well)

Use Case ID: TC-2

Use Case: User enters Looks Listing page and uses the filter

Purpose: User should be able to filter the looks listing page either by room or style

U1: User opens Looks listing page	W2: Server loads all the listings and displays them in 3 columns
U3: Users selects from the filter a style	W4: Server loads the filter selected as a resource, the filter section displays what was selected and also has a dismiss filter which returns to the looks page
U5: Users clicks the dismiss filter button	W6: Server reloads looks page without any filters being selected

Automation notes: We're checking in automation that after selecting either a specific/arbitrary filter category that the url changes and the specific filter url is present and has reloaded the whole page, the filter name is now displayed next to the filter dropdown and a dismiss filter button is present which takes us back to the looks listing page

Use Case ID: TC-3

Use Case: User enter Looks Listing page and uses filter with a particular value

Purpose: User should be able to notice if the listings are now only from that particular category

U1: User opens Looks listing page	W2: Server loads all the listings and displays them in 3 columns
U3: Users selects from the filter a style	W4: Server loads all the listings from that category

Automation notes: This TC given was observed in the DOM, is not automatable there is no clear indication at the looks item level that indicates if this item actually is from the category specified. Some of the categories that are style cannot even be validated by manual testing properly. The only thing automation can do is cross reference it with a single point of truth to see that they match.

Use Case ID: TC-4

Use Case: User enters Looks Listing pages and uses one filter for room and one for style to see if they combine and return results

Purpose: To see if a room and style filter can combine.

U1: User opens Looks listing page	W2: Server loads all the listings and displays them in 3 columns
U3: Users selects from the filter a style	W4: Server loads all the looks from that style and displays side style in filter
U5: Users selects from the filter a room	W6: Server loads all the looks from previous style and room type and displays both names near filter which might return 0 more listings

Use Case ID: TC-5

Use Case: User enters Looks listing page and click either on a particular look item or an arbitrary one

Purpose: User should be taken to the Look detail page, the same one he has clicked

U1: User opens Looks listing page	W2: Server loads all the listings and displays them in 3 columns
U3: User click either a particular look item or an arbitrary one	W4: Server returns the look item page

Automation notes: The key here is we save (all/any) information pertinent from the looks listing item DOM structure and try to corroborate/validate it with the loaded look detail page to see if it matches.

Use Case ID: TC-6

Use Case: User enter an arbitrary/particular looks item url and verifies that the room spot products match those listed bellow

Purpose: Data integrity test

U1: User opens an arbitrary/particular look detail page	W2: Servers loads said page
U3: User hovers mouse over all room spots and looks at product item overlay	W4: Server loads in the overlay the product from the image

Automation notes: This test could check both the overlay functionality works and data integrity is achieved at the same time. The key here is to hover over all room spots grab the all pertinent information from overlay and compare it with the product listing below. Furthermore it can also be triple checked with the single point of truth.

Use Case ID: TC-7

Use Case: User enters an arbitrary/particular looks item url and verifies that the hover functionality of the room stops works as intended and display and hides the overlay

Purpose:

U1: User opens an arbitrary/particular look detail page	W2: Servers loads said page
U3: User hovers mouse over one room spot	W4: Server loads overlay
U5: User proceeds to test all cardinal directions	W6: Server hides the overlay in all but one direction

Automation notes: this test will verify moving away from the hover in all cardinal directions the intended functionality happens (only to the right he can move to the overlay, in all others the overlay dissapears)

Use Case ID: TC-8

Use Case: User enters an arbitrary/particular looks item url and verifies the wish list functionality without being logged in at first

Purpose: Try the wish list functionality with and without being logged in.

U1: User opens an arbitrary/particular look detail page	W2: Servers loads said page
U3: User hovers mouse over one room spot	W4: Server loads overlay
U5: Wish list item	W6: Login overlay appears

Automation notes: The idea of this test is to test the wish list functionality without being logged in first and then already being logged in.

Use Case ID: TC-9

Use Case: User enters Looks listing page and remembers the first 6 listings then proceeds to click the first one and checks if the order is preserved.

Purpose: Test to see if the listings are preserved and the navigation cycles through of them in order

U1: User opens looks listing page	W2: Server loads page
U3: User notes down first 6 listings and clicks the first one	W4: Server loads first looks detail page
U5: User uses navigation and checks	W6: Server loads next looks detail pages

Automations notes: The idea behind this test would be to save the details of the first 6 (or however many) looks listings and then click whichever of them and use navigation to check that previous and next listings are the correct ones.