Criterion E - Evaluation

Evaluation Against Success Criteria

Success Criterion	Met (Y/N)	Evaluation	Client Feedback
1. The website must have a login functionality	Yes	The website successfully logs the user in when they put in an existing username and password	The client found the login super easy and accessible [5 - 6]
2. System should allow new users to make an account	Yes	New users can make an account when they submit their profile information	When the client made a new account, she said it was simple to click the register button and that it was convenient to be redirected back to the login page [6 - 9]
3. An error message appears when an unsuccessful login attempt occurs	Yes	If an incorrect username and password are entered, the website will not allow the user to log in	The client typed in the wrong password and was denied access to her account [11, 13]
4. Upon creation of a new account, the website should display information on how to get started/take the quiz	Yes	When a user creates a new account, a welcome message appears as well as instructions for the user to take the quiz so that they can get their recommended skincare routine	My client found it to be self explanatory and found the welcome message and instruction to take the quiz very helpful [16 - 19]
5. Account holders should be able to view their profile - skincare concerns and recommended products should be displayed	Yes	The user profile displays skin concerns and recommended products but only after they take the quiz	My client was able to view her profile after she took the quiz [22 - 24]
6. System should allow users to edit their user profile i.e retake the skincare quiz + remove concerns	Yes	Users can remove concerns, and the concerns are prepopulated in the remove concern quiz	My client found the feature of removing concerns to be very helpful as she has gotten rid of certain concerns in the past. She liked being able to make it more customized to

			her in case her skin went through any more changes [31 - 32]
7. The website must include a skincare quiz for account holders [23 - 24] that includes: - Pictures of people with different skincare concerns for the user to select which one looks most similar to theirs - An option to select their main skincare concerns, including blackheads, acne, dry skin, oily skin, skin redness, large pores, wrinkles, bumpy skin, ageing, and under-eye bags [21 - 23]	Yes	The skincare quiz includes 11 different options for concerns the user may experience. There are also photos of people with these concerns so that the user can compare themselves to the photo to see if they have similar skin problems	My client thought the quiz was self-explanatory and liked the format [21 - 23]
8. The website must be able to recommend skincare products in a comprehensive skincare routine to the user based on their quiz responses [2]	Yes	After a user takes the skincare routine, the website recommends products in the order that they should be applied in a skincare routine	My client said she would actually use the products recommended to her on the website. Some products were even ones that she had already used which made her trust the recommendations of products that she hadn't used before [27 - 31]
9. Displayed products should show how many stars they are rated, an image of the product, the skincare concerns it addresses, and a link to rate/comment	Yes	The products displayed on the website all lead to the rate/comment page. The number of stars they are rated are displayed and so are the skincare concerns they address.	She found the display of product ratings really helpful so that she could have a sense of if other people enjoyed them [30 - 31]

10. The website should recommend products in order of highest rated	Yes	Products are recommended in order of highest rated in all aspects of the website.	She found the ordering of products to be helpful since the best-rated ones are at the top so she wouldn't have to search extensively for the best-rated products [35 - 36]
11. The website must have a commenting function where users can comment on different products [28 - 29]	Yes	Users can click on products and comment on them. The comments are ordered by most recent.	My client used the commenting function on one of the products and enjoyed being able to share her honest experience with the product because it adds a social aspect to the website [36 - 37, 39 - 40]
12. The interface should allow users to click on products to view comments [67 - 68]	Yes	Users are able to click on any product and view the comments.	She found the method of viewing comments extremely simple and self-explanatory [42, 44]
13. The website must have a rating system where users can rate products using a scale of 5 stars [66]	Yes	When a product is clicked, it sends the user to the rate/comment page where they can select a number of stars to submit, updating the rating of that product.	My client rated a product but was unsatisfied with how the page was redirected back to home. [39 - 40, 60 - 61]
14. The system should allow users to search for products and concerns	Yes	Users can use the browse products function to search for products or concerns	My client loved the search functionality because it allows the user to get very specific with what they are looking for [49 - 50]
15. The system should allow users to filter products by brand	Yes	Users can use the browse products function to filter by specific brands	My client liked the filter-by-brand feature but noticed that when new products are added, the brand isn't updated so new brands wouldn't be included in that filter [47 - 48, 55 - 57]

16. The system should allow users to filter products based on their skincare concern	Yes	Users can use the browse products function to filter products by the skincare concern they address	My client was able to filter products based on her concerns [47 - 48]
17. Admin: The system should allow the admin to add new products to the database	Yes	The admin can add new products to the database	My client was satisfied with the feature but pointed out the error with filtering by brand and adding the brand name along with the product [60 - 61]
18. Admin: The system should allow the admin to delete products from the database	Yes	The admin can delete products from the database	My client was satisfied with the functionality of deleting products [56 - 57]

Test Plan Result

Test Number	Success Criteria	Description of Test	Expected Outcome	Data Used	Actual Outcome
1	1	Use an existing account to log in to the website	The user will be logged in	Email: example_user@gmail.com Password: newuser	User was logged in and directed to home page
2	2	Use register functionality to create a new account	A new account will be shown in the database upon submission	Username: Madmoney Email: Madlaz@gmail.com Password: Mad	New account was entered into the database after the form was submitted
3	3	Login to the website with incorrect information	An error message is displayed when incorrect information is entered	Email: madlaz@gmail.com Password: Ma	Error message was displayed and the user was redirected to login page
4	4	Login to website with a new account	There should be no products displayed for the user's skincare routine and a message should tell the user to take the quiz	Email: Madlaz@gmail.com Password: Mad	Message was displayed telling the user to take the quiz, no products appeared in the skincare routine prior to taking th quiz
5	5, 7, 8	Submit the quiz for a new user account	Upon submission, the website should give the user a skincare routine and display the concerns they submitted on the home page	Email: Madlaz@gmail.com Password: Mad Concerns: Dry skin Acne Blackheads	The quiz was submitted successfully and the user's concerns were displayed on the home page along with recommended products
6	6	Remove concerns from an existing account with submitted concerns	The user should be able to select the concerns they want to remove and submit the form, causing their profile to be updated	Concern: Acne	Acne was selected to be removed from the user's concerns. Once the form was submitted, only the remaining concerns were displayed and the recommended products were

					updated to not target acne
7	9, 10	Check that products are in order of highest rated and that the product display includes all the necessary details	The products are sorted by rating and the display includes the product name, image, rating, and concerns that it addresses	Product - Table User_Concern - table Product_concern - table	Products are successfully sorted and display works properly
8	11, 12	Comment on a product	Product comment is uploaded and displayed on product page	Product_id: 3 Product_name: Cera ve moisturizing cream Product image: https://www.cera ve.com/-/media/p roject/loreal/bran d-sites/cerave/am ericas/us/product s-v4/moisturizing -cream/cerave_m oisturizing_crea m_16oz_jar_fron t-700x875-v3.jpg ?rev=8bd2516ca 01e42328ae905e 2e312709e&w=5 00&hash=6B401 A813B3A54969 C9760253E1BD 682 Comment_id: 2 User_id: 4 Comment_time: 2024-01-08 22:09:57 Comment: Super nice moisturizer!	The product comment was successfully uploaded onto the page
9	13	Rate a product	Rating is updated into the database and the average rating is updated	User_id: 1 Rating_id: 4 Product_id: 3 Rating: 4 Avg_rating: 3.5 Num_ratings: 2	The rating was uploaded into the database and the average was updated
10	14, 15, 16	Use the search and filter functions	The search and filters select the correct products based on the conditions provided by	Product_id Avg_rating Concern_id Concern	The search resulted in the correct filtration of products so that all

				the user	Product_image Product_name	of the products matched the search/filter
11	17, 18	Login to admin and add/remove a product from the database	The product is successfully added to the database, then the product is successfully removed from the database		Product_name: Cleanser Concern_id: 1 Product_image: cleanser.jpg	The cleanser was added to the database and came up in user accounts for product recommendations and presence in the browse products page. Once the product was removed, it disappeared from the database and website.

Summary of Comments

Overall, my client really enjoyed the website's aesthetic and functionality, which were the two most important factors for her. She really liked the wide range of browsing options with searching and sorting because it made the experience more customized to her and her skin. I am really happy with how the website turned out since I've never used SQL queries that are this complex. It was really cool to see it all come together and fulfill all of my client's requirements.

Recommendations

1. I would improve the rating system so that you don't have to go back into the home page and then back into the product to see the updated rating. This would make the rating system more dynamic and efficient for the user. [60 - 61]
2. I would also have liked to fix the bug with user comments. Comments are always submitted and reflected on the page unless they contain an apostrophe. For some reason, if a comment has an apostrophe, it is not submitted; however, this did not get in the way of my client's experience, as she never used an apostrophe in her comments.
3. I would improve the admin functionality so that the brand is also entered when a product is added. This is a fundamental flaw in the system as the database also does not include a field for brand, instead using the product name during the brand-filtering process. I would add a new field in the product table with the brand so that the filter by brand could work successfully. [54 - 56]

Word count: 254