

Clothes Trading website.



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Introduction

Project Goals: The Clothes Trading Website will provide a platform for users to upload photos of their clothes, rate them, and trade with other users. The website will facilitate user registration, item uploading, trading, searching, and profile management.

Requirements

1. Functional requirements :

1. Users can create an account on the website.
2. Users can upload photos of their clothes with and rate them.
3. Users can put a description for their pieces with key words about their size, color, defects -if any- and brands.
4. Users can choose between shipping the items or meeting up with other users for trading.
5. Users can search for clothes.
6. Users can see all the published products he did.
7. Users can rate the state of clothes on a scale of 1-5.
8. Users can use promocode from other users to get a discount
9. The Website should provide advanced search options such as filtering by brand, size, or color.
10. Users can change their usernames or passwords.
11. Users should be able to follow us on social media platforms.
12. Users can track the status of their orders, including shipping details and when the piece is delivered.
13. User can browse the website as a guest without creating an account but he can't do an exchange.
14. User can see the terms and conditions for the website
15. Users can contact the website managers through emails for inquires
16. Users can contact each other through a number.
17. Users can delete a piece of cloth.
18. Users can edit a piece of cloth
19. When item is deleted, it must be deleted from all the carts

20. Users can see the items other users publish in the products but his published products in the specific page.
21. User can Add item to cart
22. User can delete item from the cart

2. Non-Functional requirements :

I. Maintainability:

1. The code should follow a modular object oriented structure.
2. Version control, such as Git, should be used to track and manage code changes effectively.

II. Performance:

1. The page should load quickly with an average time of 5 seconds.
2. The system should handle 1000 users parallel to each other.

III. Usability:

1. The website should be responsive and accessible on different devices, including desktops, laptops, tablets, and smartphones.

IV. Security:

1. User passwords should be stored securely using appropriate encryption techniques.

Changelog:

- May 1, 2024, Version 1.1, Changed by: Tasneem Muhammad

Change Description: Edited requirement 6 to be general search not by location.

- May 5, 2024, Version 1.2, Changed by: Nourhan Mohamed

Change Description: Removed requirement that indicates that the website give suggestions to similar products

- May 8, 2024, Version 1.3, Changed by: Tasneem Muhammad

Change Description: Edited requirement 20 to be through phone not through embedded chats.

-May 13, 2024 1.4, Changed by: Rghda Salah

Change Description:removed requirement 7.

-May 14, 2024 1.5, Changed by: Nada Nabil

Change Description: Removed requirement that indicates that the website must integrate with Fawry as we already contacted Fawry but they need the company to be real and have formal paper to be implemented.

-May 14, 2024 1.6, Changed by: Nada Nabil

Change Description: Edited requirement 11 to be filtered by Category only.

-May 15, 2024 1.7, Changed by: Rghda Salah

Change Description: Add requirement 7.

-May 15, 2024 1.8, Changed by: Nourhan Mohamed

Change Description: Add requirement 21.

-May 15, 2024 1.9, Changed by: Tasneem Muhammad

Change Description:edited requirement 9.