

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 exchange their clothes with other users at a similar rate.
5. Users can choose between shipping the items or meeting up with other users for trading.
6. Users can search for clothes in their location.
7. Users can create and manage their profiles, including personal information.
8. Users can rate the state of clothes on a scale of 1-5.
9. The Website must provide an integration with Fawry for transaction processing.
10. Users can give feedback, ratings and reviews for other users who they have exchanged with.
11. The Website should provide advanced search options such as filtering by brand, size, or color.
12. Users can change their usernames or passwords.
13. Users should be able to follow us on social media platforms.
14. The website should provide suggestions for similar clothes to the piece that the user is opening.
15. Users can track the status of their orders, including shipping details and when the piece is delivered.
16. Users can save items they are interested in for the future.

17. Users can view the average rating of other users based on their previous exchanges and ratings from other users.
18. User can browse the website as a guest without creating an account but he can't do an exchange.
19. User can see the terms and conditions for the website
20. Users can contact the website managers through emails for inquiries
21. Users can contact each other through embedded chat.
22. Users can delete a piece of clothes or edit its photo or description.

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.