**EECS 1012 Project**

**Update: //**

**One person has dropped the course on Oct 27– Her name is Fatima Haidar. As team members has decreased, we have adjusted our project description to redistribute workload.**

**Changes: //**

1. **Github repository has changed.**
2. **Team of 3 now.**
3. **Description changed (still in the same vein of a mini-databse, but the scope is narrowed to women’s fashion and no accessories option)**
4. **Functional requirements modified.**

**Team name: X**

**Github repository: https://github.com/SnowCappucino/X.git**

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**Description:**

The project is to create a women fashion-focused mini database that allows users to mix and match affordable and designer brands to create inspirational outfit ideas. Results of each search would produce an outfit consisting of 3 image items: 1) an item for the upper part of the body; 2) an item for the lower part of the body; and 3) an item for shoes. Before the system outputs the results, users will be asked to select options in each of the 3 main categories – tops, bottoms, and shoes. Color choice, clothing/footwear type, and brand choice are nested within each main category. Both guest and registered users can use this database. The only difference is that registered users would have the added benefit of saving 1 outfit (1 search result or 3 images) as favorites.

Images from the database are grouped under 3 main categories. As mentioned previously, the categories are Tops, Bottoms, and Shoes. Of each category, there are sub-sections for color choice, clothing/footwear types, and brand preference. Within each sub-sections, the options are as follows: Color - Black, white, pink, tan, blue (5 in total); Clothing type for Tops - long-sleeves, short-sleeves, hoodies and knitwear (4 in total); Clothing type for Bottoms - jeans, pants, leggings, and skirts (4 in total); Footwear types for Shoes - boots, heels, sneakers, and trainers (4 in total); Brand choice - designer and affordable (2 in total).

**A visual representation:**

3 sub-sections

3 sub-sections

3 main categories

3 sub-sections

**Functional requirements**

1. All users (guests and registered members) will be able to access the database on a web browser using HTML
2. The default page is referred to as the Main menu. It has three buttons - 1) “Create an account” for members-to-be; 2) “Sign in as member” for existing members; 3) “Continue browsing as Guest” for guest users.
3. After clicking “Create an account”, the system will prompt user to input their email address as both the account username and contact information; and create a password using 5 alphanumerical characters in relevant textboxes. User must click on the following “Submit” button when done. All usernames must be unique.
4. The system will send a confirmation email to the email address provided, once an account is successfully created.
5. During account registration, if the system detects the username is not unique, a message “This username has been used, please use a different email address” will appear. The system will wait until the user changes the inputs.
6. During account registration, if the system detects the password is not consisted of 5 alphanumerical characters, a message “This password does not meet the requirements, please try again.” will show. The system will wait until the user changes the inputs.
7. After signing-up, the new member will be brought back to the Main menu. To gain access to the database, all recently signed-up and existing members must click on the “Sign in as member” button.
8. After clicking the “Sign in as member” button, members will be asking to enter their username and password in the relevant input textboxes. They must click the “Submit” button to continue.
9. During account sign-in, if the username and or the password does not match with registered information stored in the system, a message “The username or the password is incorrect, please try again.” will show. The system will wait until the user changes the inputs.
10. Once a user has logged in, or clicked the “Continue browsing as Guest” button, she will be brought to the “Create an outfit” page. Members will see and can use the “sign out” button available in top right corner of every page. If used, members will be brought to the Main menu.
11. In the “Create an outfit” page, all 3 main categories and their corresponding options will be shown. The options are available as buttons to be selected. Once a button is selected, it will turn yellow.
12. Per each outfit creation or search iteration, user can only choose 1 option per each sub section (color, type, brand preference) and must use all 3 sub-sections in all 3 categories (tops, bottoms, shoes). Buttons may be selected or de-selected (changes are allowed) until the “Submit” button is clicked.
13. When the “Submit” button on the “Create an outfit” page is clicked, user will be brought to a new page called “Results”. An outfit consisted of 3 images will be shown. Only members can see and use the “Add this outfit to favorites” button on this page, and this outfit will be shown beside all future search results.
14. Once an outfit (3 image set) has been favorited, it cannot be cleared. To replace an old outfit, is to click the “Add this outfit to favorites” button again in the next search iteration.
15. To create another outfit, click on the “Restart” button on the “Results” page. Then users will be brought back to the “Create an outfit” page.