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Individual Project

COSC 412-101

Requirements

**Goal:** To build an e-commerce website for an eyelash sale business. The purpose behind this business creation being to protect against the thinning, weakening, and falling out of our natural eyelashes, this business promotes a sultry, elegant, natural, or dramatic look to the eyes by use of strip eyelashes without the damage of getting a similar through eyelash extension wear.

1. **Website**
   1. Functional requirements
      1. Needs to display different categories of items in the inventory
         1. There will be a drop-down menu on the webpage that displays the categories of items being sold. Once the user hovers over the products categories, the menu will display where the user can choose the products they want to view, which will be displayed in a list upon request
      2. A website designed to sell eyelashes/accessories and educate people about the consequences of extended eyelash extension wear and proper strip eyelash application
         1. Main purpose of the site
         2. Include discounts on items with specialized discount codes
         3. Include quick links to refund, privacy, terms of service, and shipping policies
         4. Guest or returning user checkout options
            1. Returning users will have accounts where their information is stored for faster checkout
         5. While inventory will include the sale of single eyelash pairs, there will also be options to buy sets and kits of eyelashes that include either the same styles or a mixture of styles
      3. Facilitate advertising and the ability to receive donations
      4. Users can choose to become a part of the mailing list
         1. Users will periodically receive emails about promotions/deals and current sales or upcoming sales
         2. Users will receive emails regarding the status of their purchases
      5. User benefits
         1. Users will have the option to become members of a rewards program where they can earn points and discounts towards future purchases
      6. Users will be able to leave reviews and comments about products they’ve purchased
   2. Non-Functional requirements
      1. Demo prototype by mid-May
         1. Fully functioning system would not be available until later next year
            1. Provide a plan for how the prototype will be evolved into the final “to-be” solution
      2. Correctness of information
         1. Damage to natural eyelashes after prolonged usage of eyelash extensions
         2. Importance of correct eyelash application and removal
         3. Ensure correctness of functionality
   3. User requirements
      1. Users

1. Anyone with a ButterflyLashes username and password is considered to be a user. This role can be assigned as the default role for any new users at the time the user is created. All users can:

1. Make purchases
2. Returning users will receive offers and benefits
3. Make suggestions and contribute feedback/input
   * 1. Administrative Users
        1. This user has the same permissions as the general users, however they are the developer of the website
           1. Enable and edit system settings
           2. Manage inventory, website, and database