Tangi Ambe

COSC 412 Individual Project

Use Cases

Use Case 1:

**Name:** Taking the Hair Quiz

**Description:** General users should be able to access and take the hair quiz and receive accurate results based on their answers.

**Actors:** Public users

**Organizational Benefits:** Makes the process of finding hair products faster and easier.

**Frequency of use:** Depends on how many times user wants to retake the quiz

**Triggers:** User clicks on the quiz on the home page

**Preconditions:** None (since it is not required to take the quiz)

**Postconditions:** User knows their hair type/porosity and is given product recommendations.

**Main Course:**

1. User is on the home page
2. User clicks “Take Quiz”
3. User takes the quiz
4. User’s results are displayed
5. User is shown product recommendations
6. User clicks “Show More” to be redirected to the page for their hair type/porosity to see more products
7. User clicks on a product and is redirected to a website to purchase it from

**Alternative Course(s):**

1. User does not want to take hair quiz (already knows hair information or just looking)
   1. User clicks on specific hair type/porosity tab
   2. Step 7 of main course

**Exception:** Error redirecting to purchasing website

1. User clicks on product image.
2. The website linked to the image no longer exists.
3. The user is unable to access the purchasing website to purchase the product.

Use Case 2:

**Name:** Making an Account

**Description:** General users should be able to make an account if they want to.

**Actors:** Account Users

**Organizational Benefits:** Save results of hair quiz, save products they have tried to their favorites, save products they want to try to a wish list.

**Frequency of use:** Depends on how many different accounts user creates

**Triggers:** User clicks on Log In/Register and clicks to Register an Account

**Preconditions:** User wants to make an account

**Postconditions:** User has an account made

**Main Course:**

1. User is on the home page
2. User clicks “Log In/Register”
3. User creates an account with an email and password.

**Alternative Course(s):**

**Exception:** User tries to create another account with the same email

1. Error message “An account with this email already exists” will pop up

Use Case 3:

**Name:** Maintenance

**Description:** Administrator will maintain and troubleshoot the website

**Actors:** Authenticated Web Administrator

**Organizational Benefits:** Ensures a safe and efficient user experience

**Frequency of use:** Daily

**Triggers:** A breakdown or a scheduled maintenance time,

**Preconditions:** There is an issue with the website or there is a scheduled time for troubleshooting

**Postconditions:** Website is fixed, running, and updated

**Main Course:**

1. Admin logs into website as an authorized administrator
2. Admin clicks through website to ensure all links work and direct users to correct pages, all images load, all functions and plug-ins are operating correctly
3. Admin tests speed of website
4. Admin conducts any necessary updates/backups

**Alternative Course(s):**

**Exception:**