

Product Requirements Document (PRD)

Product Name: Skincare Website

Product Overview

The Skincare Website aims to demystify the world of skincare by providing personalized product recommendations based on user-inputted information. Users can create profiles, specify their skin type and concerns, set budgets, and filter products based on ingredients.

Goals and Objectives

1. **User Personalization:** Provide tailored product recommendations based on individual user profiles.
2. **Ingredient Awareness:** Enable users to filter out harmful or undesired ingredients.
3. **Budget Management:** Allow users to sort and compare products based on price and availability.

Target Audience

- Skincare novices looking for guidance.
- Experienced users seeking product comparisons and reviews.
- Budget-conscious consumers wanting the best deals.

Key Features (Ranked by importance)

1. Create Account

- **Description:** Allow users to create an account to save their data and preferences.
- **Acceptance Criteria:**
 - Users can sign up via email.
 - Users can reset their password.
 - Profile information is saved securely.

2. Personal Recommendations

- **Description:** Generate personalized product lists based on user inputs.
- **Acceptance Criteria:**
 - Users input age, skin type, and concerns.
 - System returns a list of suitable products.

3. Ingredient Filtering

- **Description:** Users can exclude products containing certain ingredients.
- **Acceptance Criteria:**
 - Users can input specific ingredients to filter out.
 - System updates product recommendations accordingly.

4. Price Sorting

- **Description:** Users can sort products by price.
- **Acceptance Criteria:**
 - Users can view products in ascending or descending price order.

5. Similar Products Recommendations

- **Description:** Suggest products similar to those users like.
- **Acceptance Criteria:**
 - System analyzes user preferences to recommend similar items.

6. Product Comparison

- **Description:** Allow users to compare two products side-by-side.
- **Acceptance Criteria:**
 - Users can select two products and view key features side by side.

7. Price Comparison

- **Description:** Display prices from various retailers.
- **Acceptance Criteria:**
 - Users can see price comparisons from multiple stores.
 - Links to the stores for direct purchase.

8. Content

- **Description:** Provide educational content on skincare.
- **Acceptance Criteria:**
 - Articles and guides on skin types, product ingredients, and skincare routines.

9. Commenting

- **Description:** Users can comment on products.
- **Acceptance Criteria:**
 - Users can post comments and read others' experiences.

10. Reviews

- **Description:** Users can leave reviews for products.

- **Acceptance Criteria:**
 - Users can rate products and write detailed reviews.

11. Skin Type Quiz

- **Description:** A quiz to help users determine their skin type.
- **Acceptance Criteria:**
 - Users complete a quiz that categorizes their skin type and provides tailored recommendations.

12. Wishlist

- **Description:** Users can save products to a wishlist.
- **Acceptance Criteria:**
 - Users can add/remove products from their wishlist.
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User Stories

- **As a new user**, I want to create an account so that my data will be saved.
- **As a skincare user**, I want personalized recommendations to save time on research.
- **As a customer**, I want to filter out harmful ingredients to find the best products.
- **As a budget-conscious customer**, I want to compare prices to make informed purchases.
- **As a community member**, I want to share and read experiences about products.

Technical Requirements

- **Front-end:** Responsive design compatible with mobile and desktop browsers.
- **Back-end:** Secure user authentication and data storage.
- **Database:** Store user profiles, product information, and community comments/reviews.
- **API Integration:** Price comparison APIs and product databases.

Timeline

- **Phase 1:** User account creation and personalized recommendations
- **Phase 2:** Ingredient filtering, price sorting, and comparisons
- **Phase 3:** Community features and content integration
- **Phase 4:** Testing and launch