

# LookUpDevice

## Group Members

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## GitHub URL:

<https://github.com/sagar776-dev/CS546-Final-Project>

## Project description

With a plethora of products being released every day from various brands, it can be difficult to find the right device that meets your requirements. We understand the difficulty of having to choose between two devices that cost and sound nearly identical. To assist our users in making their decision, we propose a website that allows users to search for devices, find information and reviews on them and perform a detailed comparison if they must choose between two devices based on specifications, cost, and ratings.

## Core Features

### 1. Home Page

- Brief application description
- Search bar to enable the user to search for a device with a personalized filter based on product category, price, and rating
- Shows popular products eg: Asus laptops, iPhone 14, Samsung tablets

### 2. Product Catalog

- Displays newly released products
- Display products based on their category (Smartphones, Laptops, and Tablets)

### **3. Product Page**

- View product :
  - Image
  - Specifications
  - Pricing
- Users can rate and add a review on the product

### **4. Admin User**

- An administrator account with CRUD operation privileges on the product database.

### **5. Review and Rating**

- Users can rate a product based on their experience
- Users can write reviews of a product they own to help other users make an informed decision

### **6. Product Comparison**

- Users can compare two or more products of the same category
  - Product specifications
  - Rating
  - Cost

### **7. User Profile**

- Created on user registration with application
- Profile page where users can view and modify their profile details (username, email, reset the password, reviews written by them)

## **Extra Features**

- Flag and remove reviews containing obscene language
- Users can like/dislike a review
- Display the product URLs, reviews, and prices from Amazon and BestBuy
- Comment on a product feature
- Dark and Light mode application themes
- Product recommendations on the landing page based on the recent searches
- Capability to add photos in user reviews to show their product
- Users can create a wish list of products they like
- Q&A section so that users can have answers to their questions