# Project Analysis: Groep 3-11

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## 1. Project Description

**Title:** StuffStore

**Description:** With StuffStore, we aim to deliver a seamless online shopping experience. Users can browse through a wide variety of products and add items to their shopping carts. Our platform features an intuitive user interface, enabling anyone to quickly find and order their desired items. Each product includes a comprehensive description, and customers who have purchased the item can leave reviews. This combination of features ensures that our users know exactly what they're buying and feel confident in their choices.

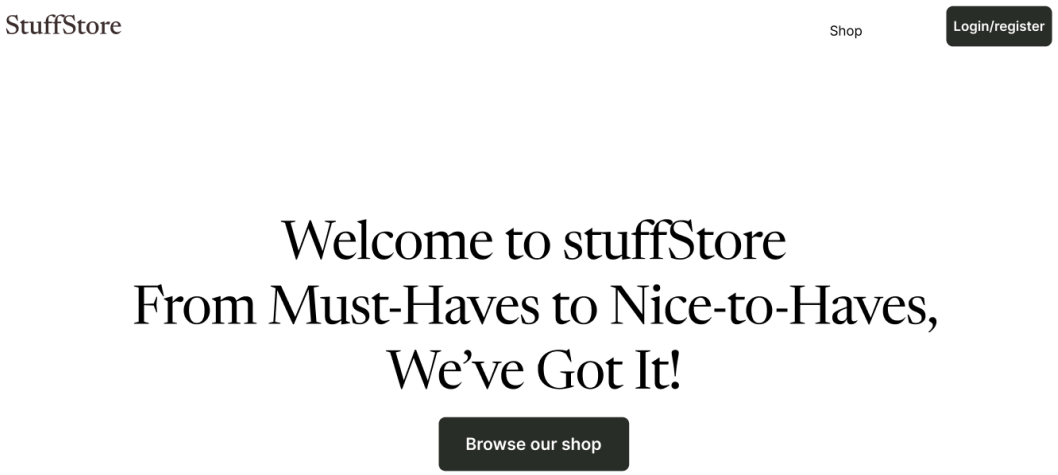
# 2. User Stories

## 2.1. Homepage

**Value Statement:**

As a user,
I want to visit the homepage of the webshop
so that I can browse the available products and navigate to different sections of the site easily.

**Wireframe:**




**Acceptance Criteria:**

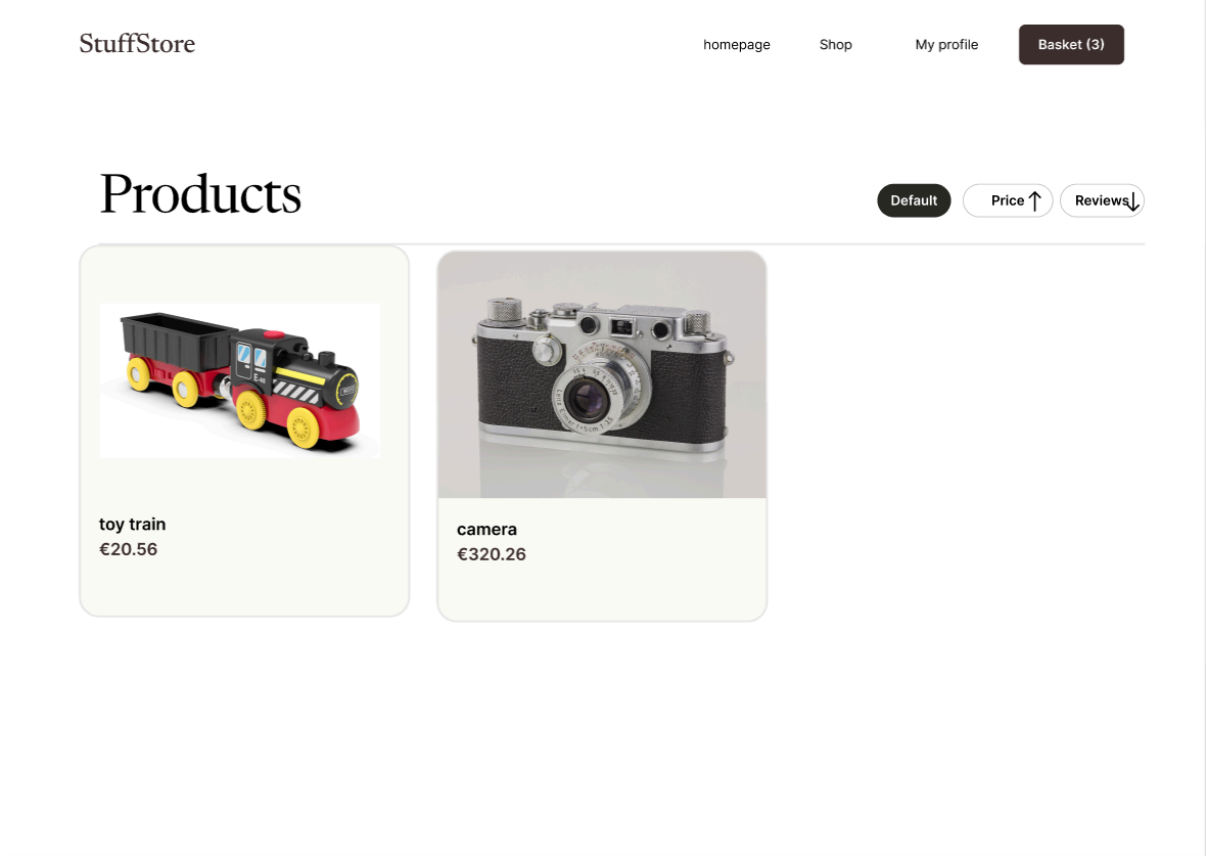
- The homepage should display a navigation bar with links to key sections (e.g., Shop, Login, etc.).
- If a user is not logged in yet, instead of their name “Guest” is displayed.

### 2.2. Product Overview

**Value Statement:**

As a user,
I want to have an overview of all available products
so that I can easily find the items I am interested in.

**Wireframe:**




**Acceptance Criteria:**

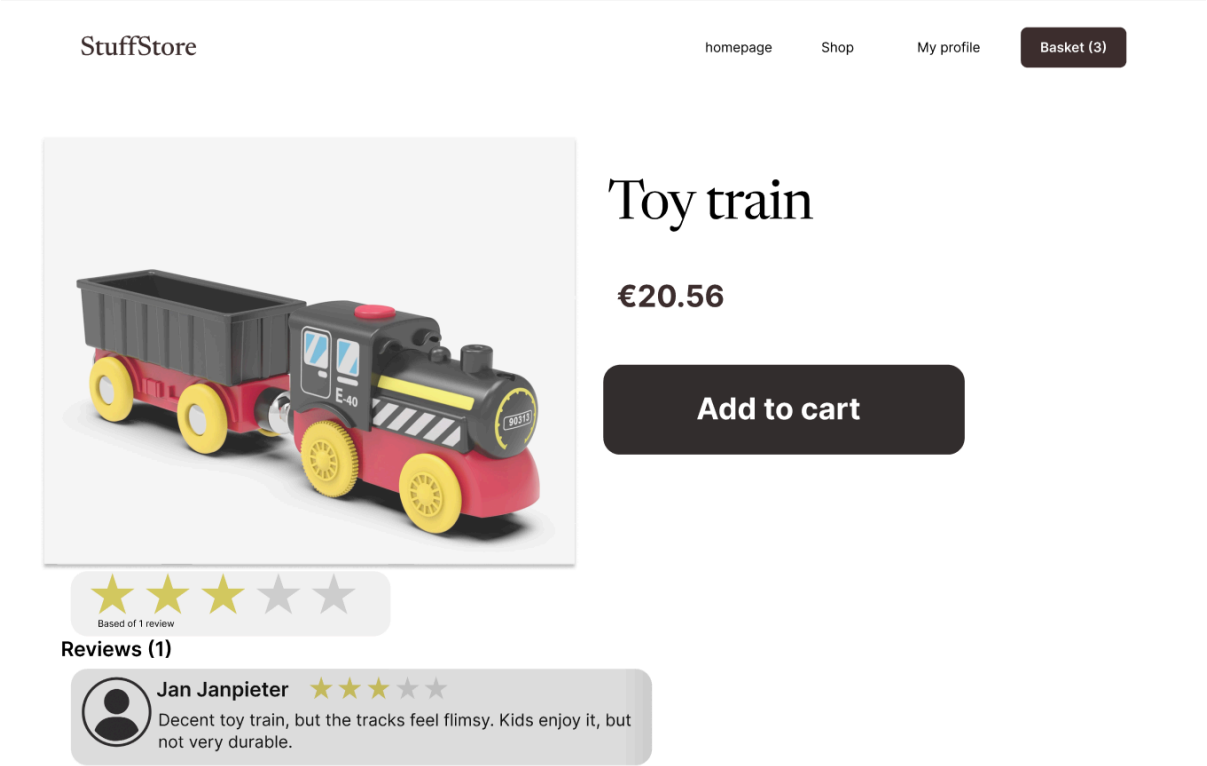
- There should be a dedicated "Products" page or section.
- The overview should display product images, names and prices.
- Users should be able to view more detailed information by clicking on a product.
- Pagination or infinite scrolling should be implemented for large product lists.

### 2.3. Product Detail Page

**Value Statement:**

As a user, after I click a product on the products overview,
I want to see the product's detail page
so that I can view the product in more detail and see the reviews.

**Wireframe:**




**Acceptance Criteria:**

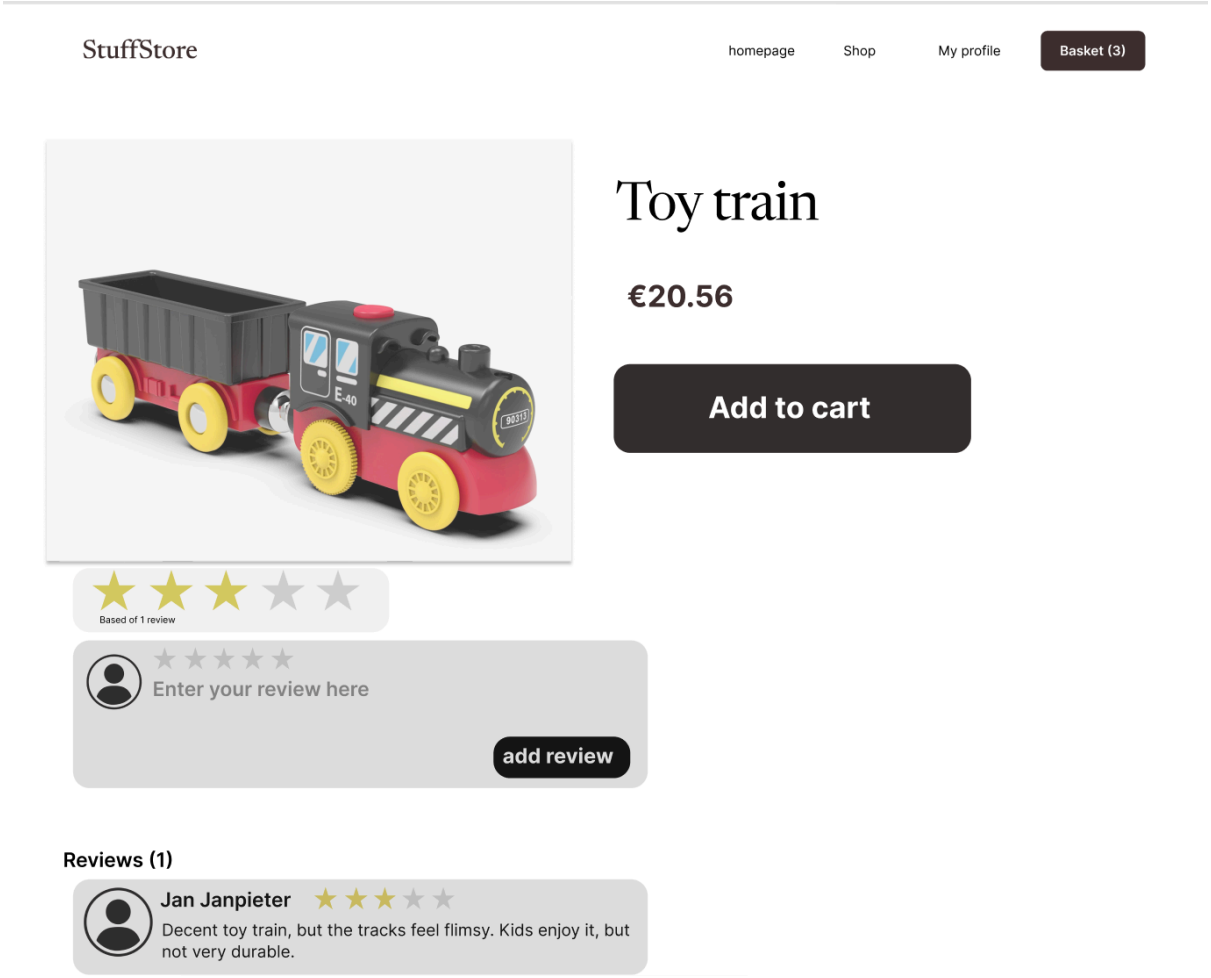
- The product detail page should display a larger product image, name, price, and reviews.
- A section for user reviews should be visible, showing ratings and comments.
- Users should be able to see the average rating and the number of reviews.
- A "Add to Cart" button should be clearly visible.

### 2.4. Place review on product

**Value Statement:**

As a user,
I would like to place a comment on a product
so that I can share my experience with it with other users.

**Wireframe:**




**Acceptance Criteria:**

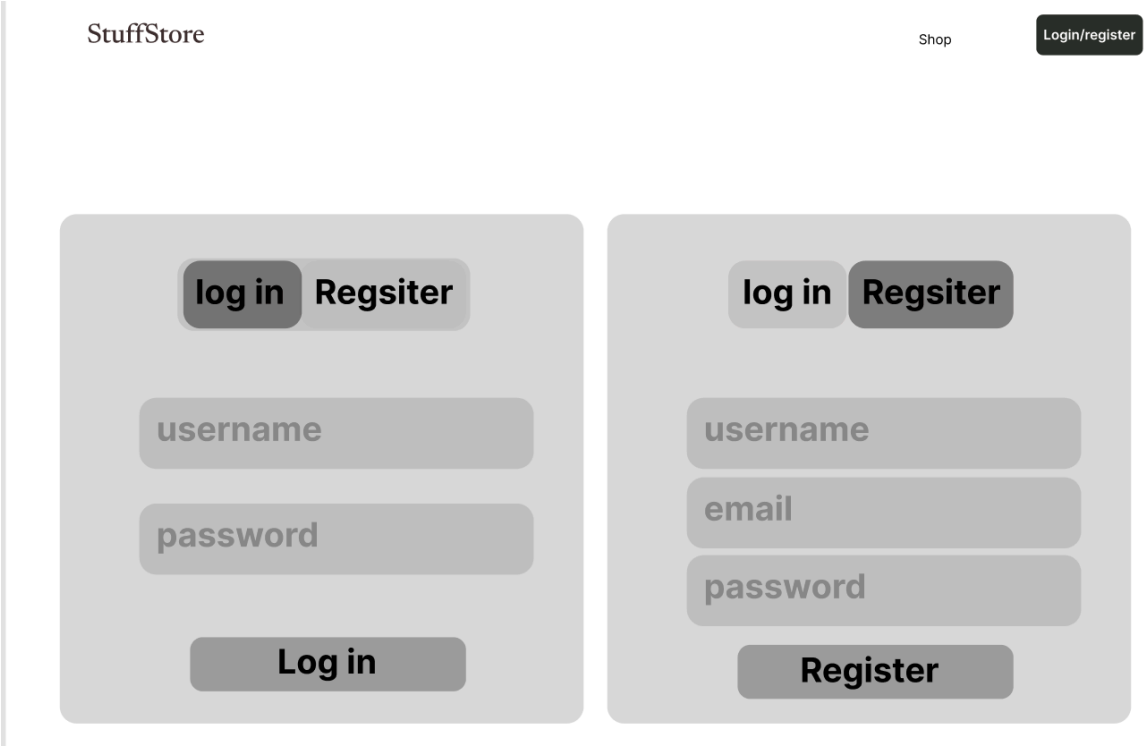
- Users should be able to add a comment on the product detail page.
- A comment submission form should be available with fields for a rating (e.g., stars) and text input.
- The form should require the user to be logged in to submit a comment.
- Submitted comments should be displayed under the product review section.
- A confirmation message should appear after successfully submitting a comment.
- if the comment is empty a error message should be shown

### 2.5. Login Functionality

**Value Statement:**

As a user,
I would like to log in
so that I can order products and place reviews.

**Wireframe:**




**Acceptance Criteria:**

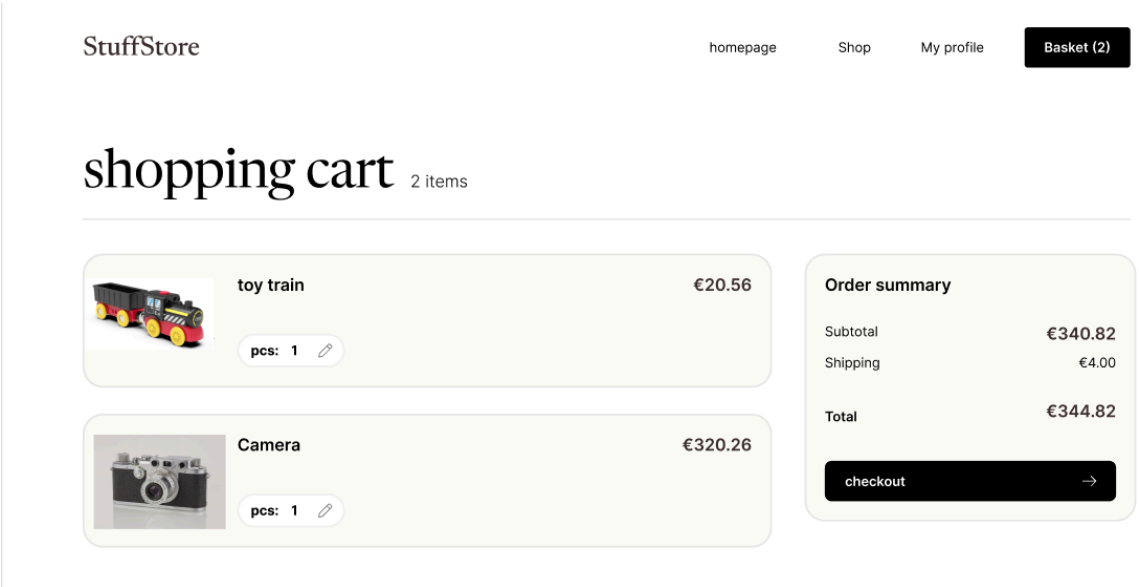
- There should be a "Login" button available in the header.
- Users should be able to log in using their username and password.
- Upon successful login, the user should be redirected back to the homepage
- Users should be notified of unsuccessful login attempts (e.g., wrong password) with appropriate error messages.
- Logged-in users should be able to place orders and submit product reviews.
- A "Logout" option should be available once the user is logged in.
- The login system should be secure, ensuring password encryption.

### 2.6. Shopping Cart

**Value Statement:**

As a user,
when I go to my shopping cart,
I should be able to view my total price and all products in my shopping cart.

**Wireframe:**




**Acceptance Criteria:**

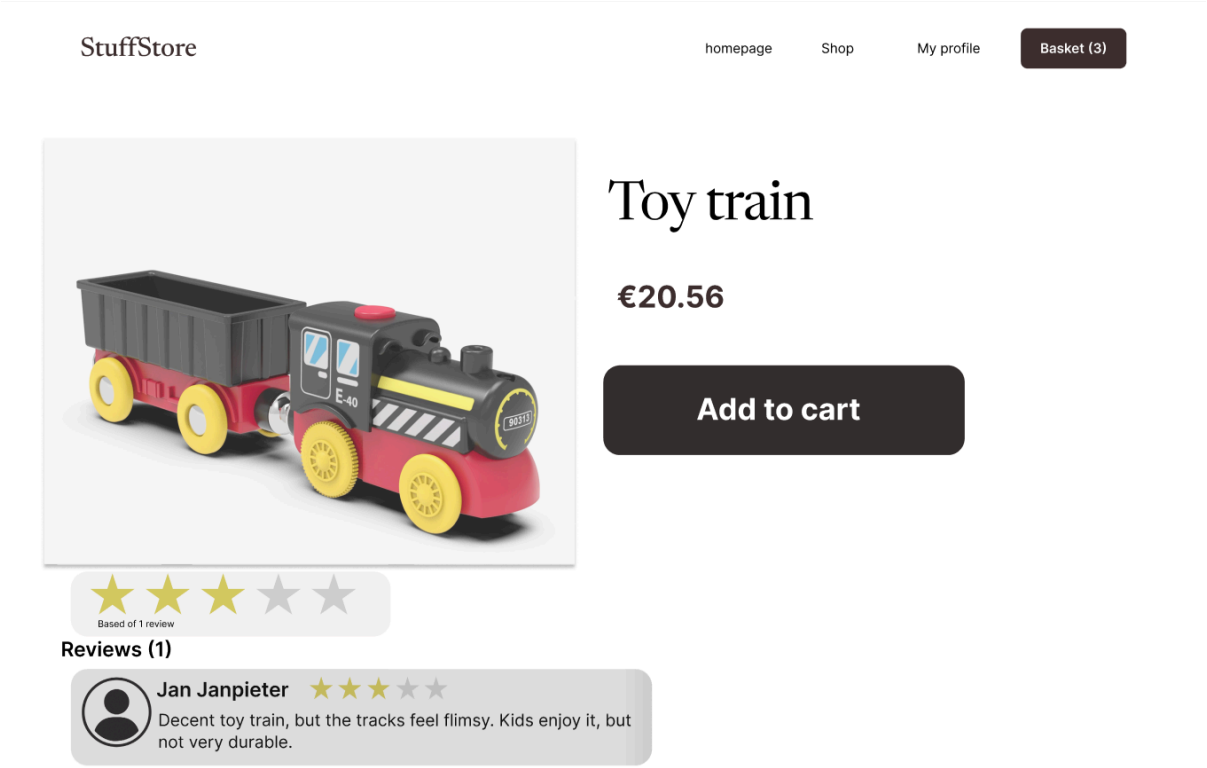
- The shopping cart page should display a list of all products currently in the cart, including names, quantities, prices, and thumbnail images.
- The total price should be clearly displayed on the page, summarizing the cost of all items.
- Users should be able to edit quantities or remove items directly from the shopping cart.
- A clear call-to-action button for "Proceed to Checkout" should be available on the cart page.
- If a guest goes to the shopping cart page, an error message is displayed, asking them to log in.

### 2.7. Add item to shopping cart

**Value Statement:**

As a user,
when I click on the "Add to Cart" button,
I would like the item to be added to my cart so that I have the option to later checkout.

**Wireframe:**




**Acceptance Criteria:**

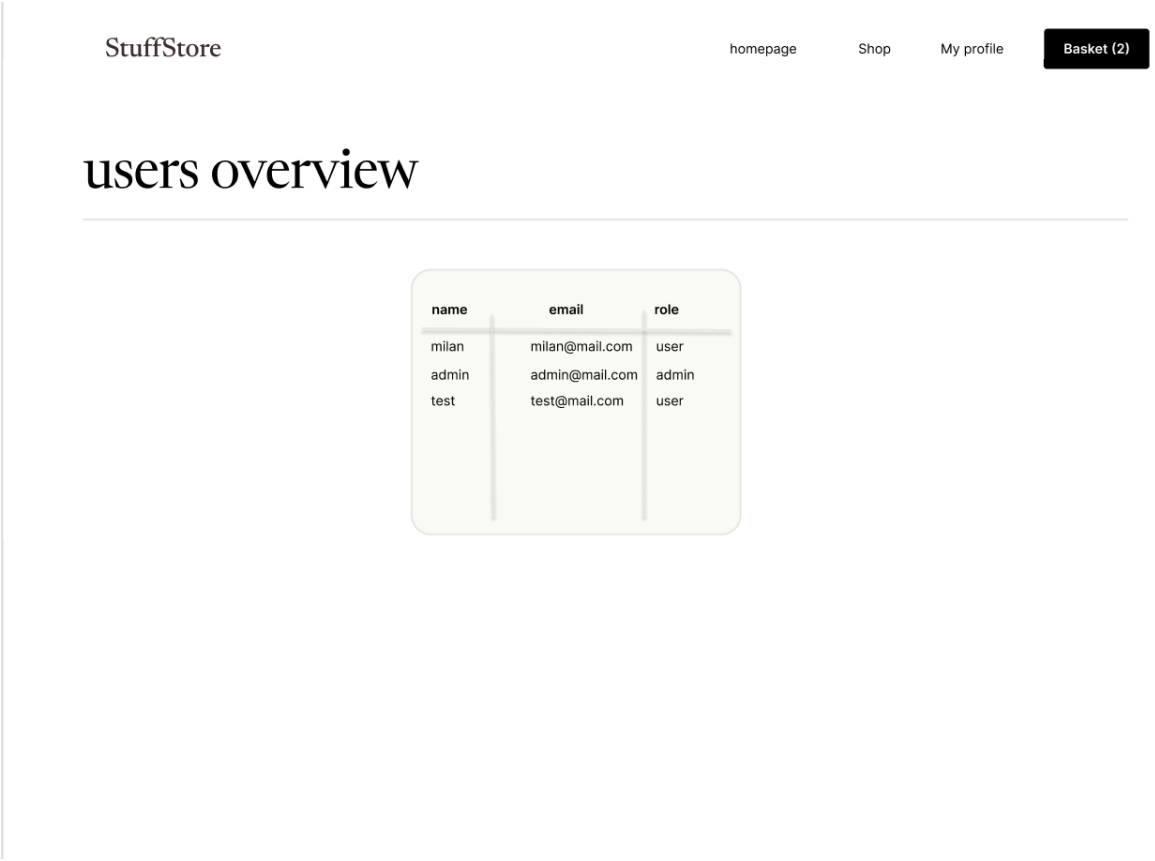
- The "Add to Cart" button should be clearly visible on the product detail page.
- Upon clicking the button, a confirmation message should appear, indicating the item has been added to the cart.
- Users should be able to continue shopping after adding items to the cart without losing their selections.

### 2.8. User Info page

**Value Statement:**

As a user,
I want to view my profile details
So that  I can see my own information

**Wireframe:**

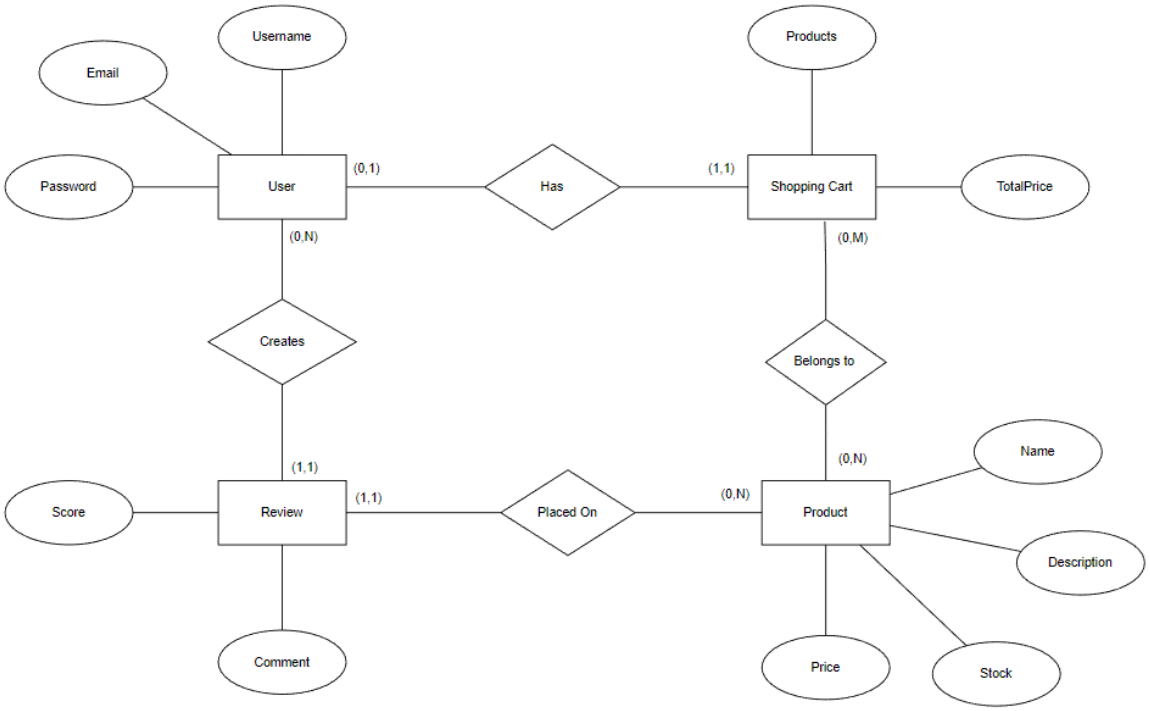


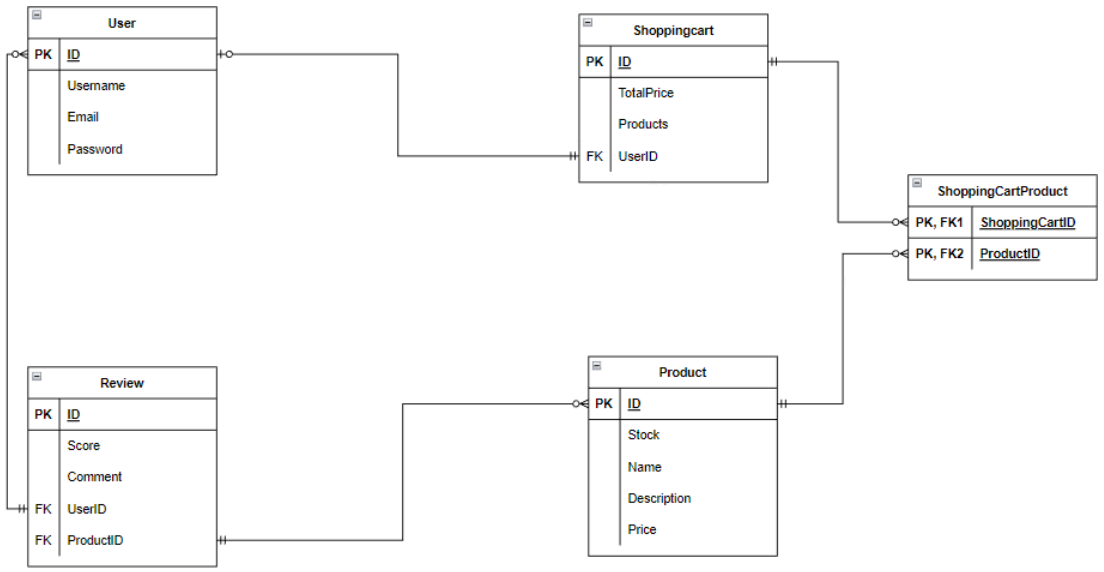

**Acceptance Criteria**

- User should have a “profile” option when clicking on their own name
- The user’s info page should display their name, email address and role
- If guests tries to visit the page, an error is displayed, telling the guest they need to log in to view the page
- If an admin is logged in, they should be able to view the account details of every user.

# 3. Domain Model

## 3.1. Conceptual Model




## 3.2. Logical Model