



## Design Specification (Team 4B)

# Overview: Team 4B : Pets R Us

- The objective of our application is to create a pet store where pet owners have a place to buy their pet food, toys, beds and other items related to pets. They can also buy a pet, whether it's a dog, cat or even a goldfish (for example).
- The application will let users/customers buy their pet from a secure and safe site which will provide pictures and other information about each pet waiting for their new home.
- Our users will be informed about each item to a high degree, so they know if they should buy whatever pet-related item they are viewing.
- Users will be able to make an account and add there wanted items/pets to cart and checkout if the item is still available. They will also be able to leave reviews on products.
- The application will feel like a secure place for a first-time pet owner to get their first pet from.
- The application will also have a high level of functionality so that the site runs smoothly and thus, current pet owners will want to continue purchasing our goods.



# User persona 1



Margaret is a 71-year-old retired nurse from Glasgow, and she has 2 dogs. Since the pandemic started, she has been worried about catching the virus as she is more vulnerable to it due to her old age. Therefore, she wants to buy everything online and have them delivered straight to her house, for example groceries, skincare products and household products, etc. Since she tries to stay home as much as possible to avoid catching and spreading the virus, her dogs have been very sad for always being stuck at home so she wants to get them new toys that can help them fight boredom. She wants to look at an online pet shop where she can buy dog food and new toys for her dogs. It is more convenient and safer and there is a wide variety of products for her to choose from.

## User persona 2



Cheryl, a 28-year-old female from Glasgow. She is an investment banker which is a very stressful job, so she wants to get a dog to accompany her and spend some quality time with it after work to elevate her mood. As she is always too busy to go to different pet shops and pick a dog she likes, she wants to save her energy and look at an online pet shop that allows her to look at a wide variety of options at once and all the information she needs with a button's click, including the dog breed, price, specifications, etc.

## User persona 3

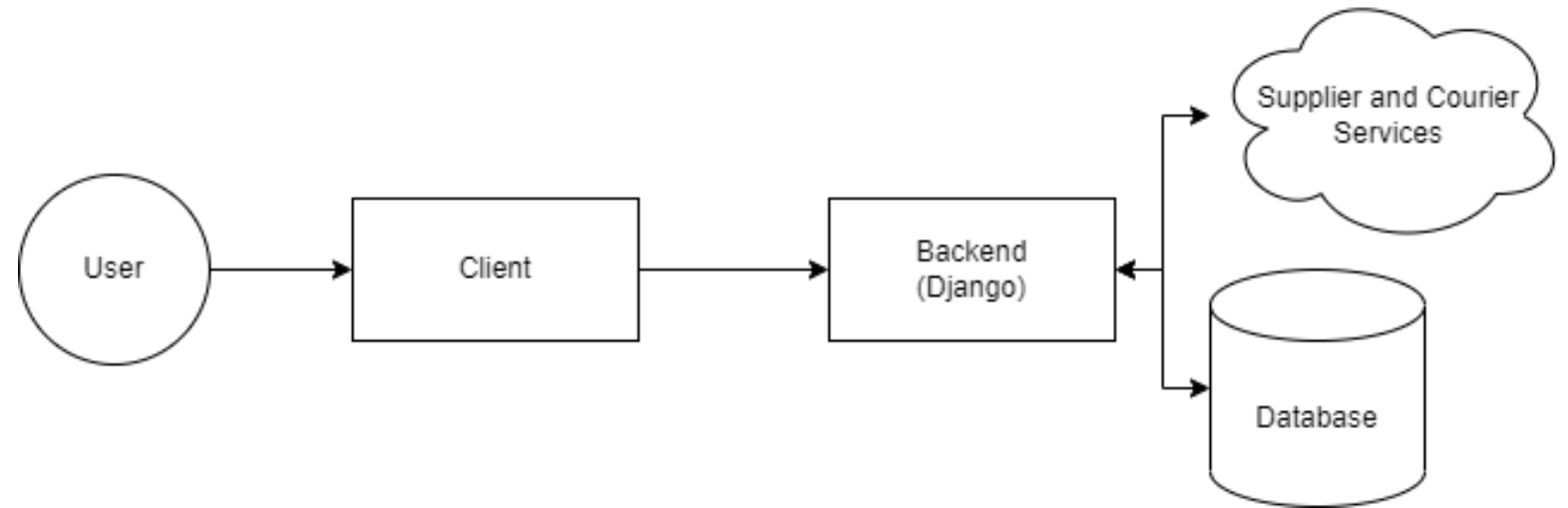


Luke is a 30-year-old lawyer from Glasgow. He has 4 cats, so he runs out of cat food quite quickly and has to buy more very often. However, there are no pet stores near his house, and he is always busy with his work, so he wants to save time and effort by buying them online and have them delivered straight to his house which is very convenient. There is also more variety available in online shops which allows him to look at different brands and compare them so he can pick the most high-quality food for his cats.

# Specification

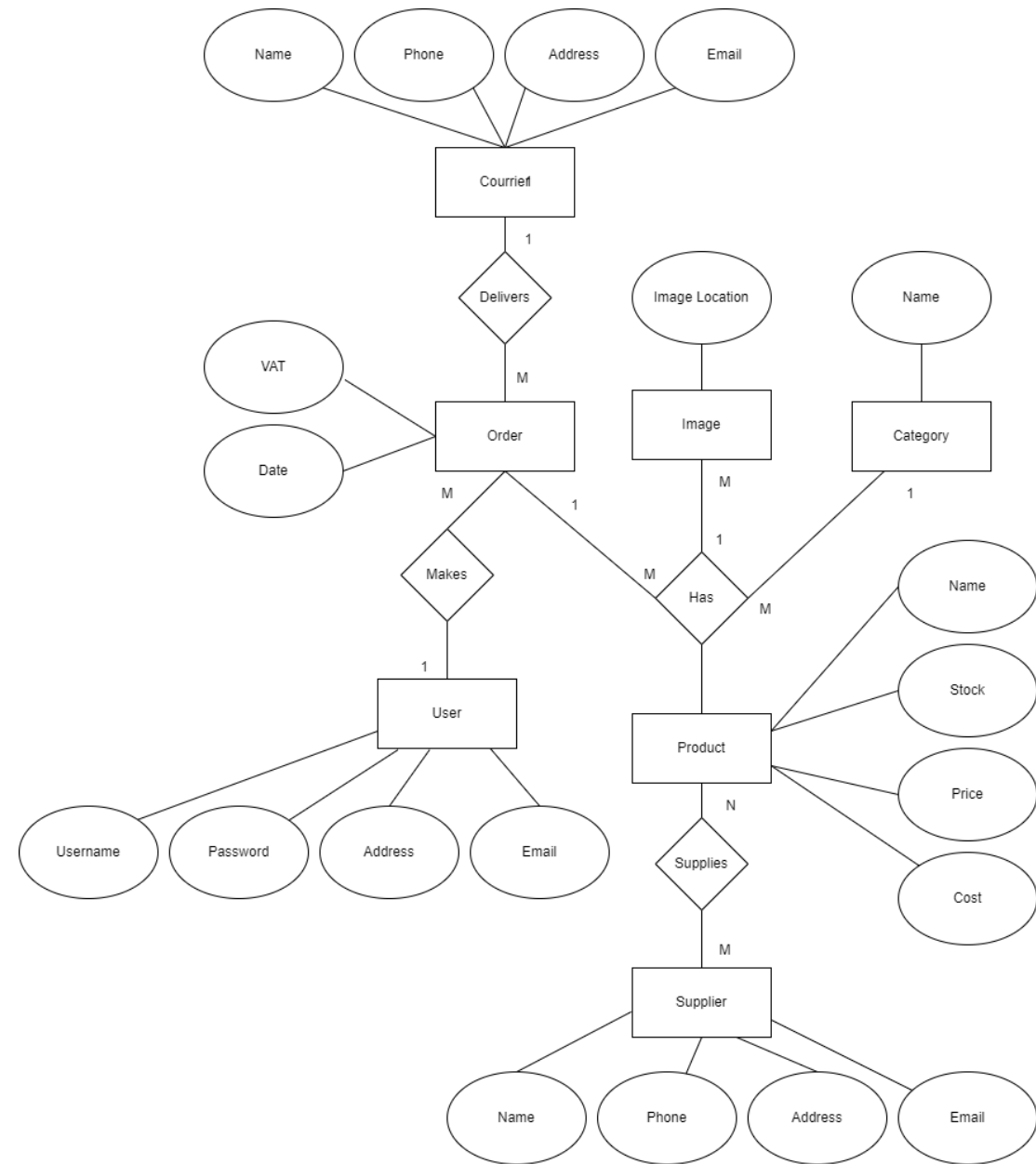
- User must be able to create/edit/delete an account.
- User must be able to log into and log out from their account.
- User must be able to look at all the categories. (pet, pet food, pet toys, etc.)
- User must be able to view product details (images, prices, size, colour, etc.)
- User should be able to buy products.
- User should be able to leave reviews after purchasing.
- User should be able to view their shopping cart.
- User should be able to add or delete items in the shopping cart.
- User should be able to view the subtotal in the cart page.

# System architecture diagram



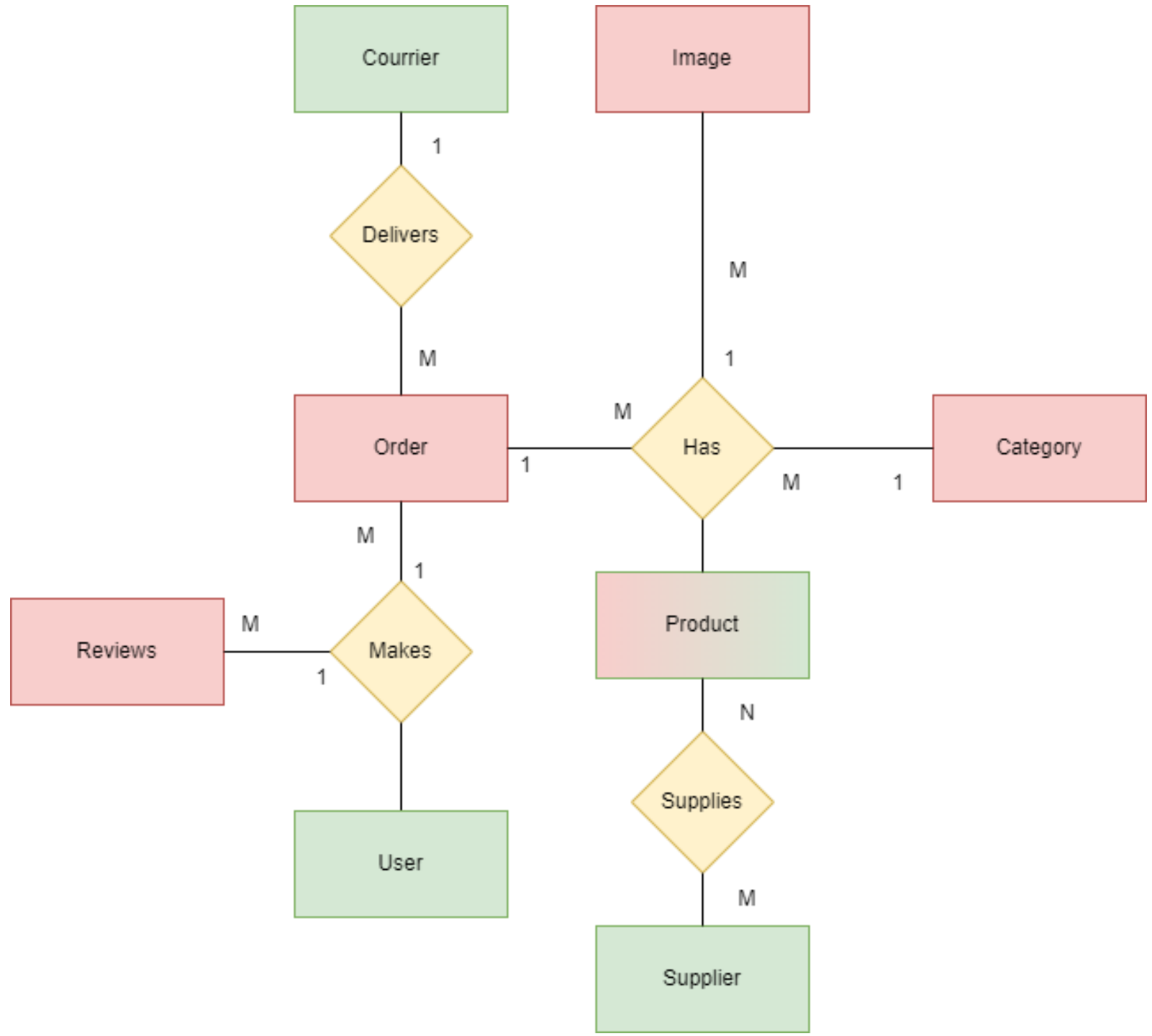


# ER diagram

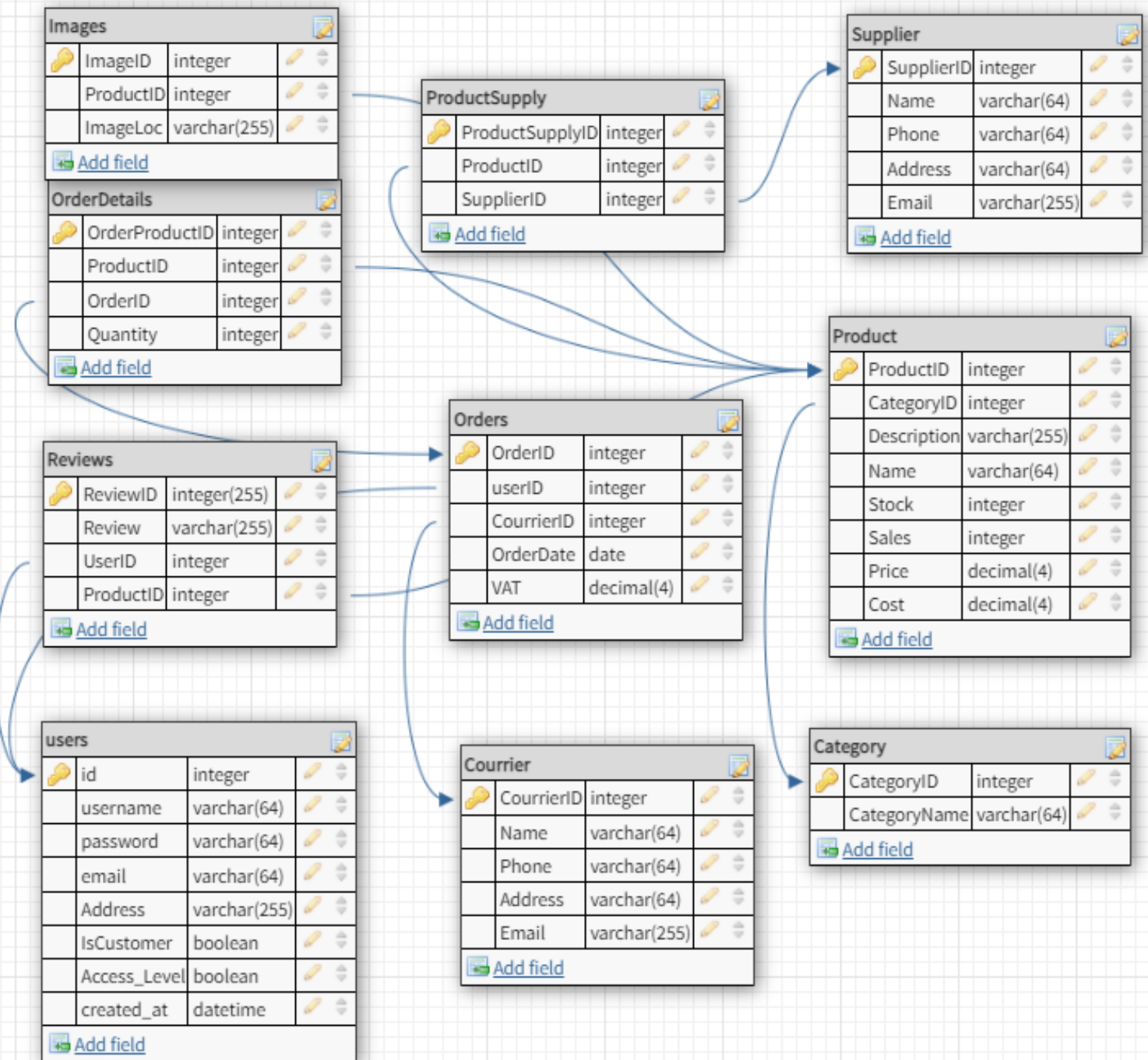




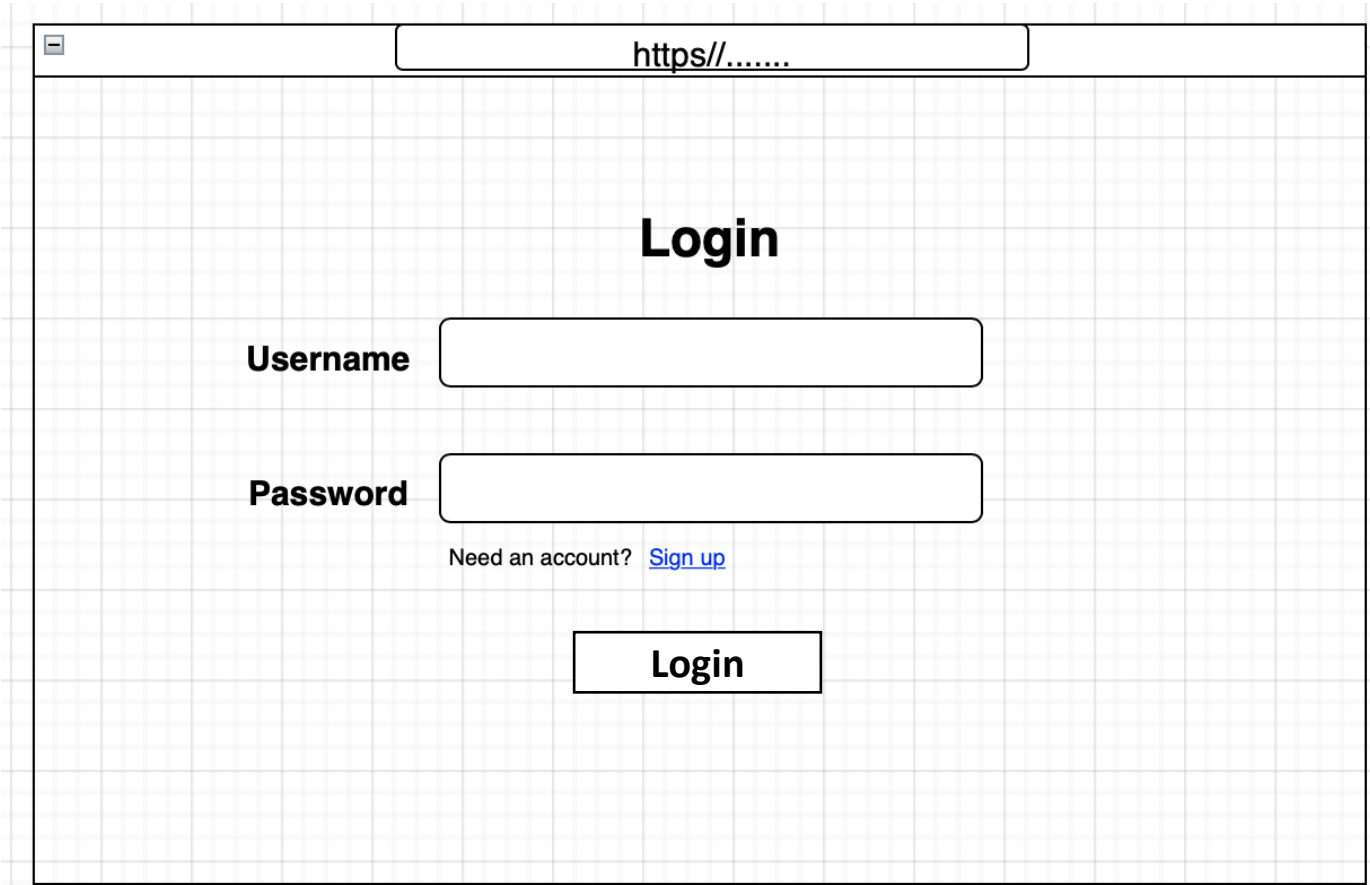
# ER diagram



# ER diagram



# Wireframe One



A wireframe of a login page. The page is set against a light gray grid background. At the top, there is a browser window header with a small icon on the left and a URL bar containing "https://.....". Below the header, the word "Login" is centered in a bold, black font. Underneath the title, there are two input fields. The first is labeled "Username" and the second is labeled "Password". Both labels are in a bold, black font and are positioned to the left of their respective input boxes. Below the password field, there is a line of text that reads "Need an account? [Sign up](#)". The "Sign up" text is a blue hyperlink. At the bottom of the form, there is a rectangular button with the word "Login" in a bold, black font.

https://.....

## Login

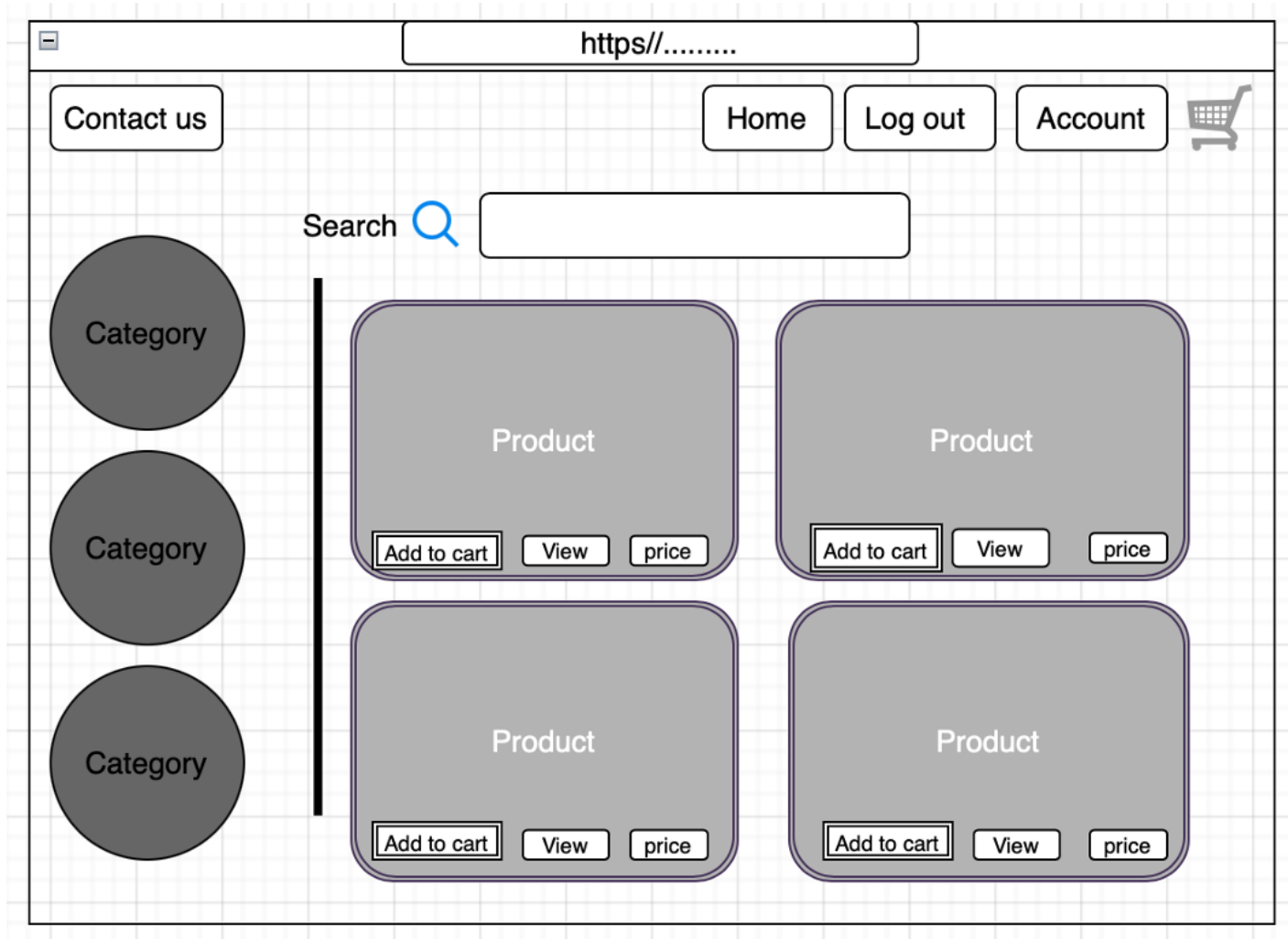
Username

Password

Need an account? [Sign up](#)

Login

# Wireframe Two





# Wireframe Three

A wireframe of a web page for a user account. The page is set within a browser window with a URL bar showing "https://.....". The navigation bar includes a "Contact us" button on the left and "Home", "Log out", "Account", and a shopping cart icon on the right. The main content area is divided into two rounded rectangular sections. The left section, titled "Your account information", contains four input fields for "Name", "Email", "Password", and "Address", followed by a "Submit" button. The right section, titled "Your Orders", displays three order items. Each item consists of a "Product Image" placeholder, the "Name", and the "Date". Below each order item is a "Write a review" button.

https://.....

Contact us Home Log out Account

### Your account information

Name

Email

Password

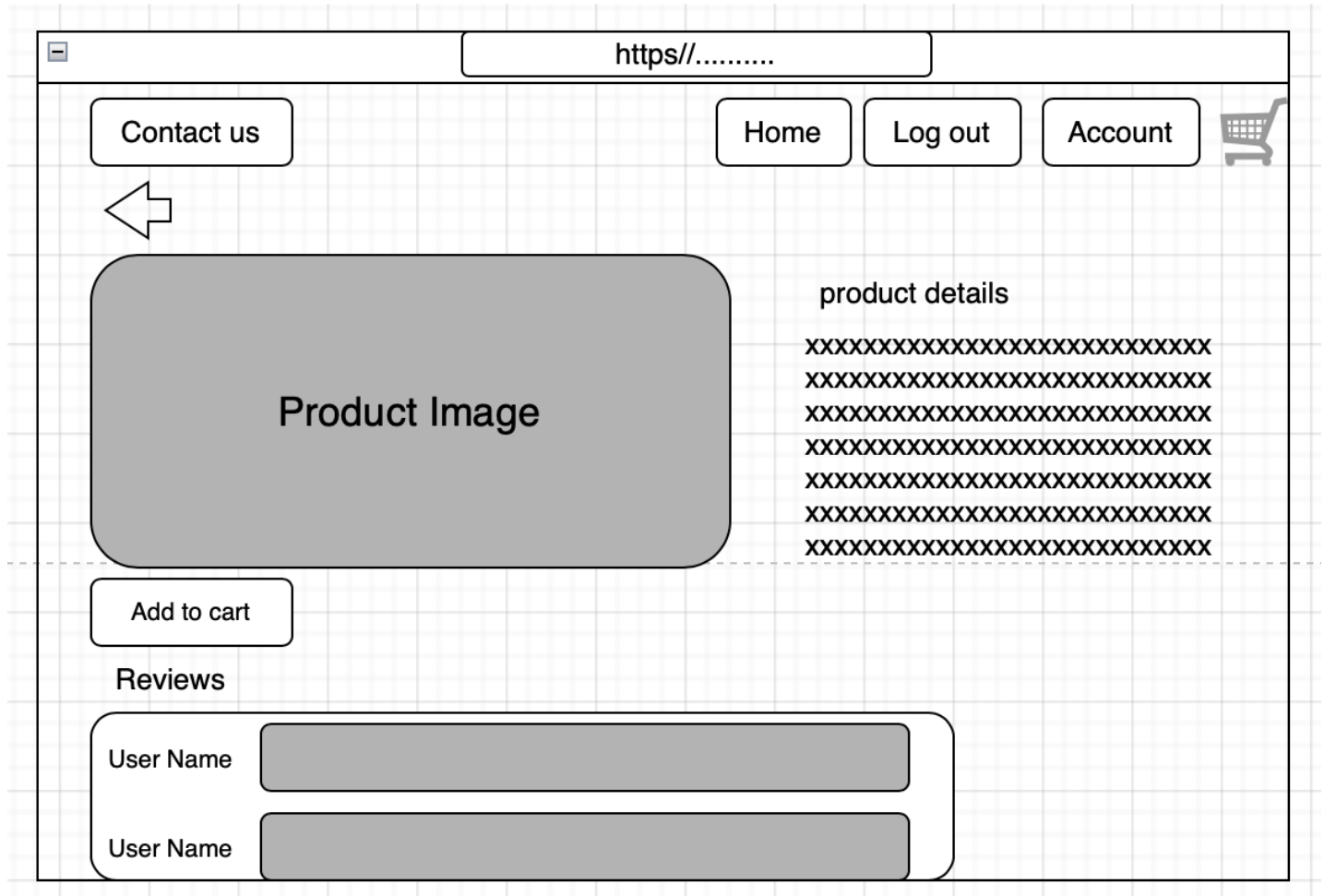
Address

Submit

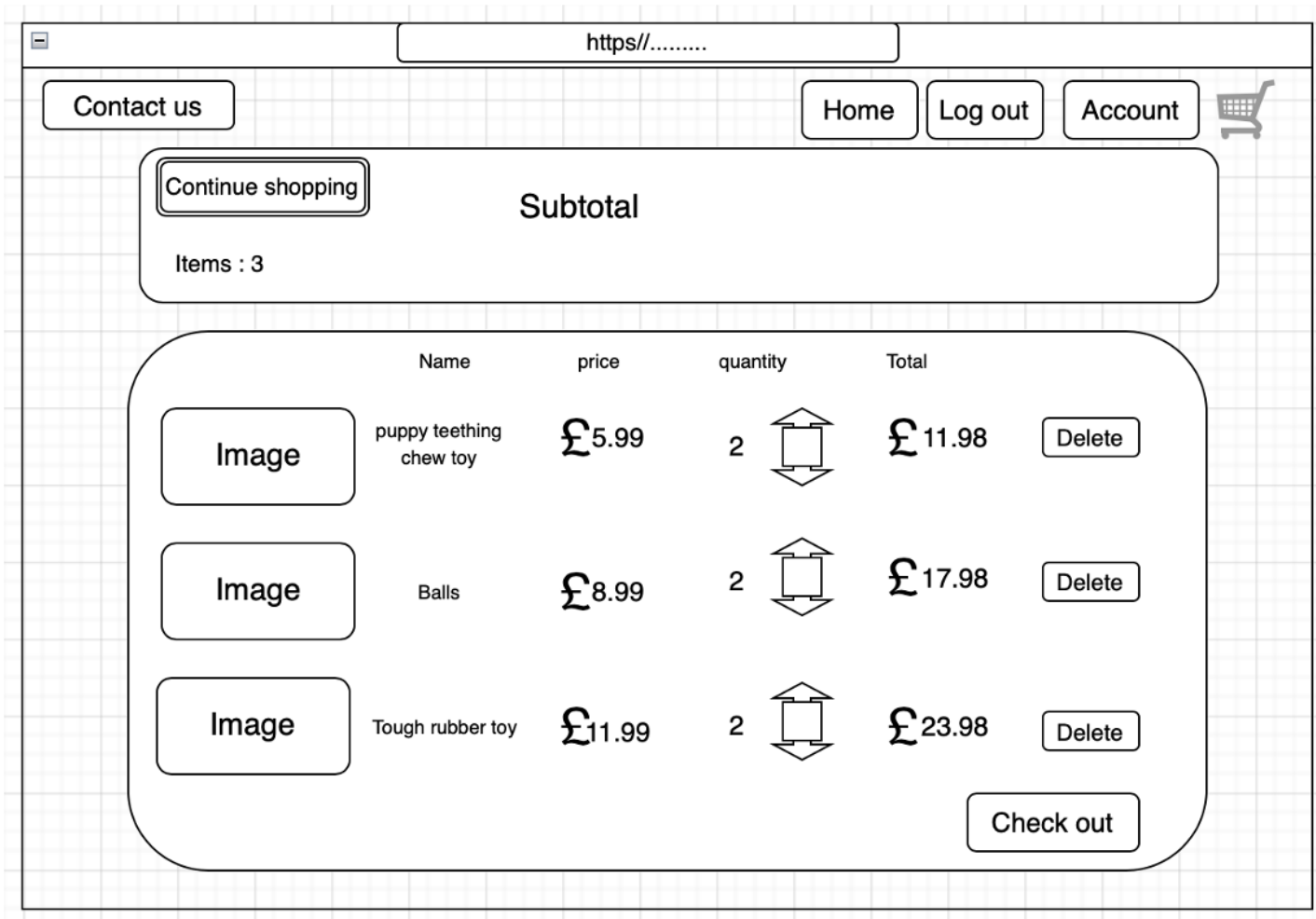
### Your Orders

	Name
	Date
Write a review	
	Name
	Date
Write a review	
	Name
	Date
Write a review	

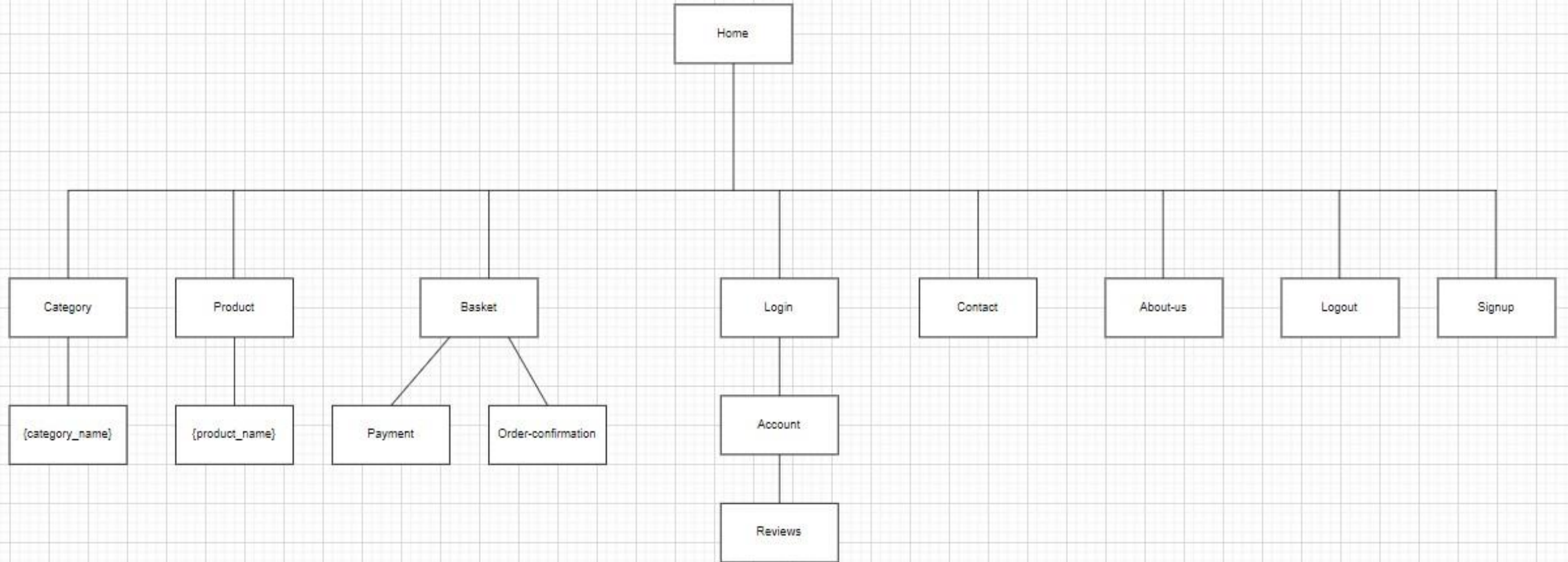
# Wireframe Four



# Wireframe Five



# Site Map





# Site URLs

/home/

- /home/contact/
- /home/about-us/

/category/{category\_name}/

/product/{product\_name}/

/basket/

- /basket/payment/
- /basket/order-confirmation/

/login/

- /login/account/
- /login/account/reviews/

/logout/

/signup/

# GitHub Link

- <https://github.com/Horosho9741/WAD2-Team-4B-Project>