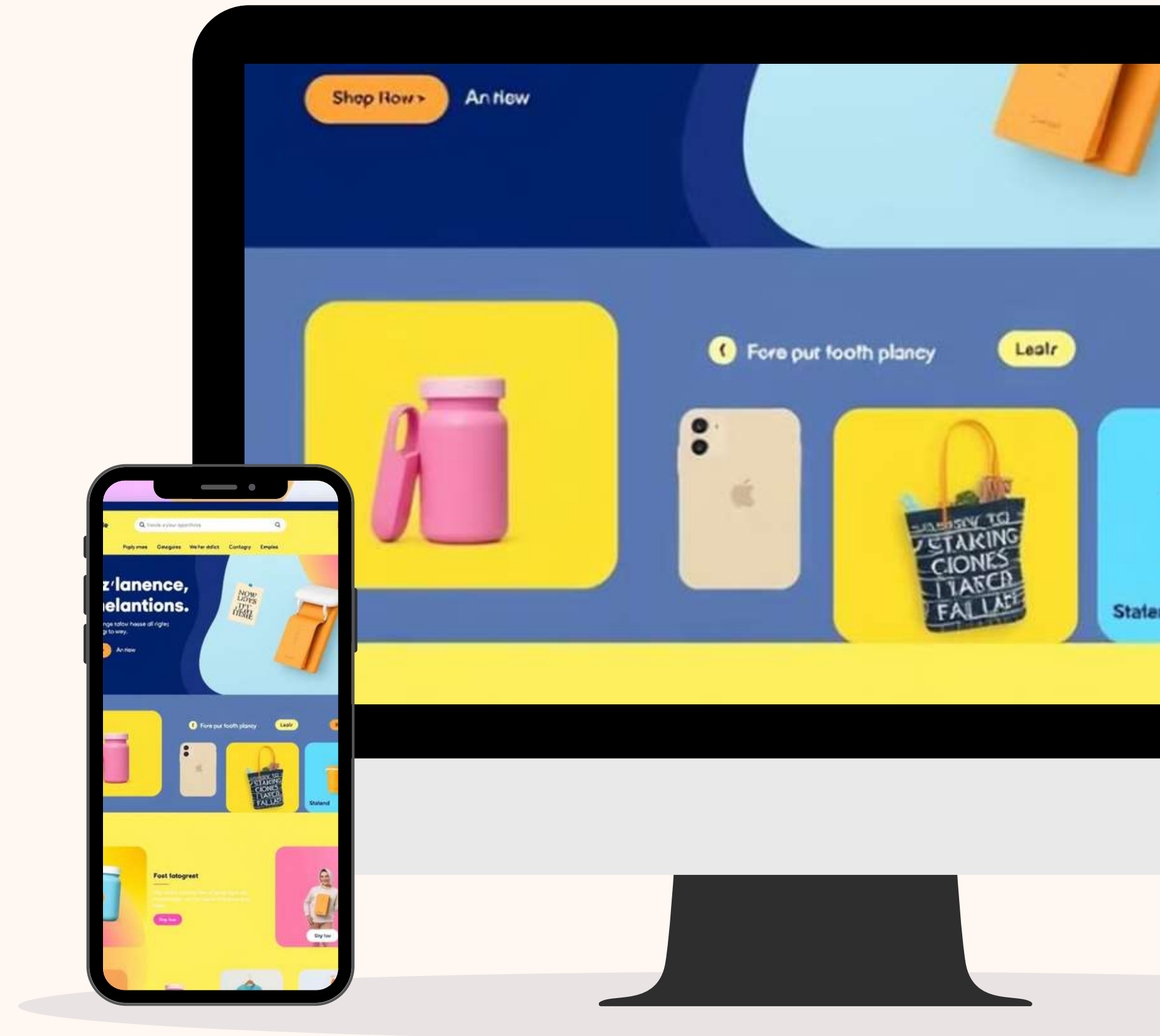
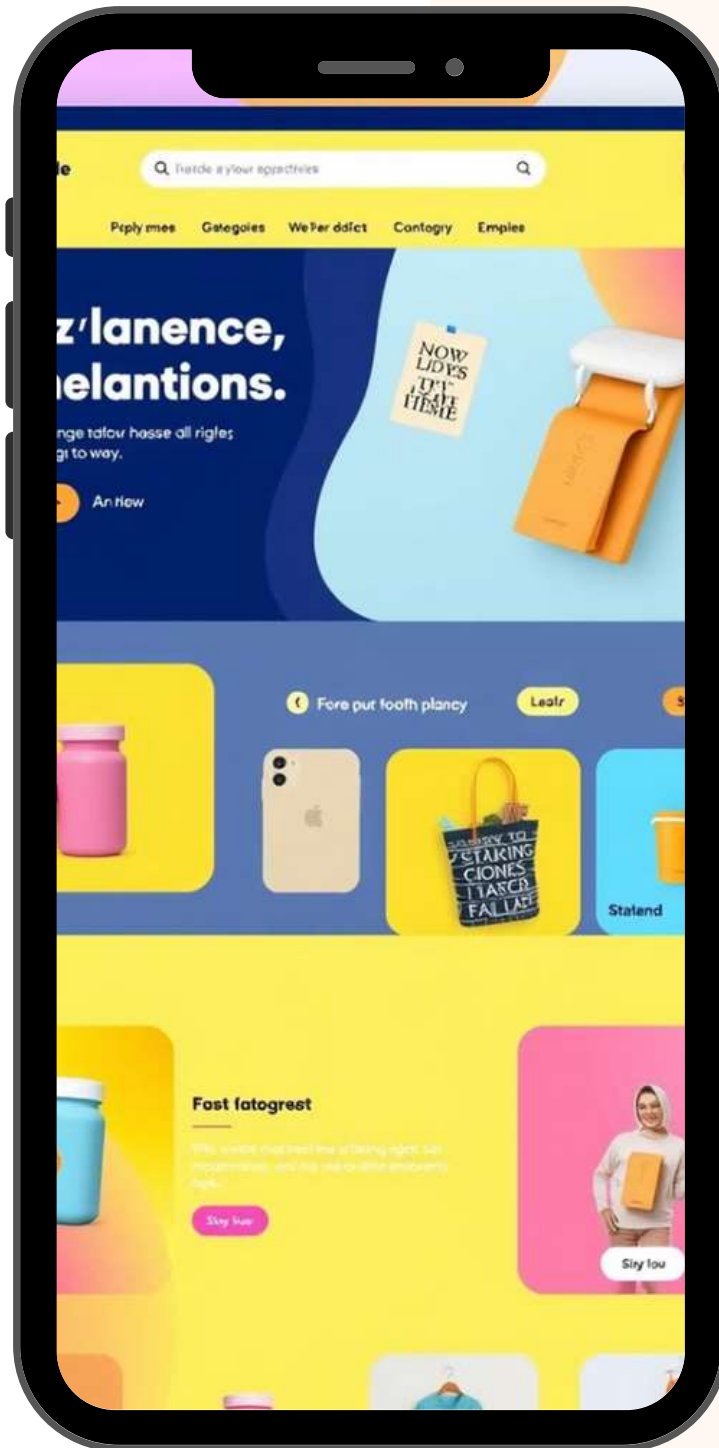


PURCHASING PLATFORM

SHOPI

MAIKER HERNANDEZ
JOAN DURAN

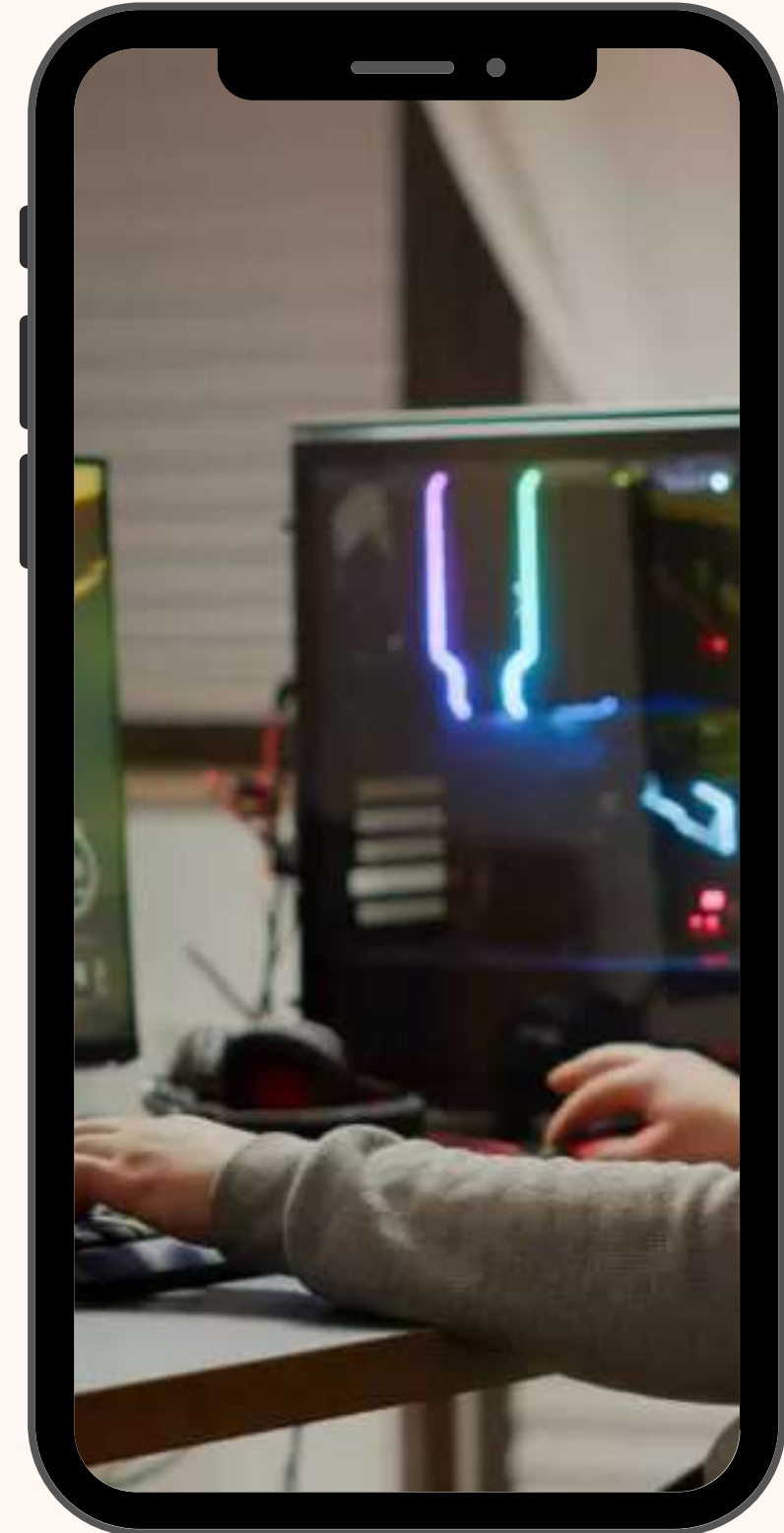
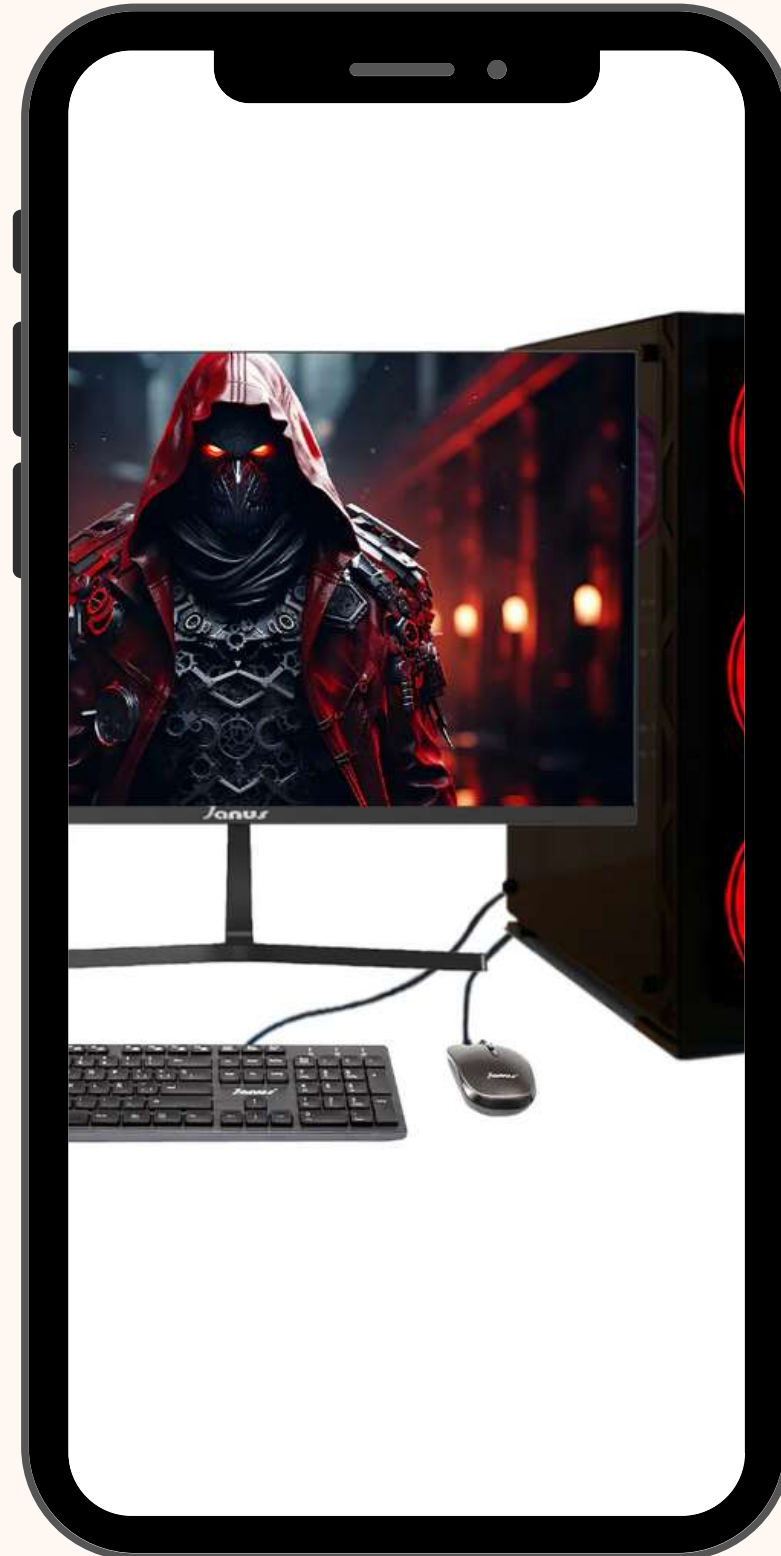




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Introduction

Our application will be an online platform for buying and selling new and used items. Users will be able to register, list their items, purchase products from other sellers, and manage payments through the app. As the platform grows, we will be able to add new product or service categories.



Revenue Model

In Shopi, it is essential to implement a business model that allows for generating sustainable revenue. Our approach is that every time a seller makes a sale to a buyer, the platform retains a percentage of the total transaction value as a commission. This commission will be a fixed 8% for practical purposes.

By implementing this commission model, the platform not only benefits financially but also creates an incentive for sellers.

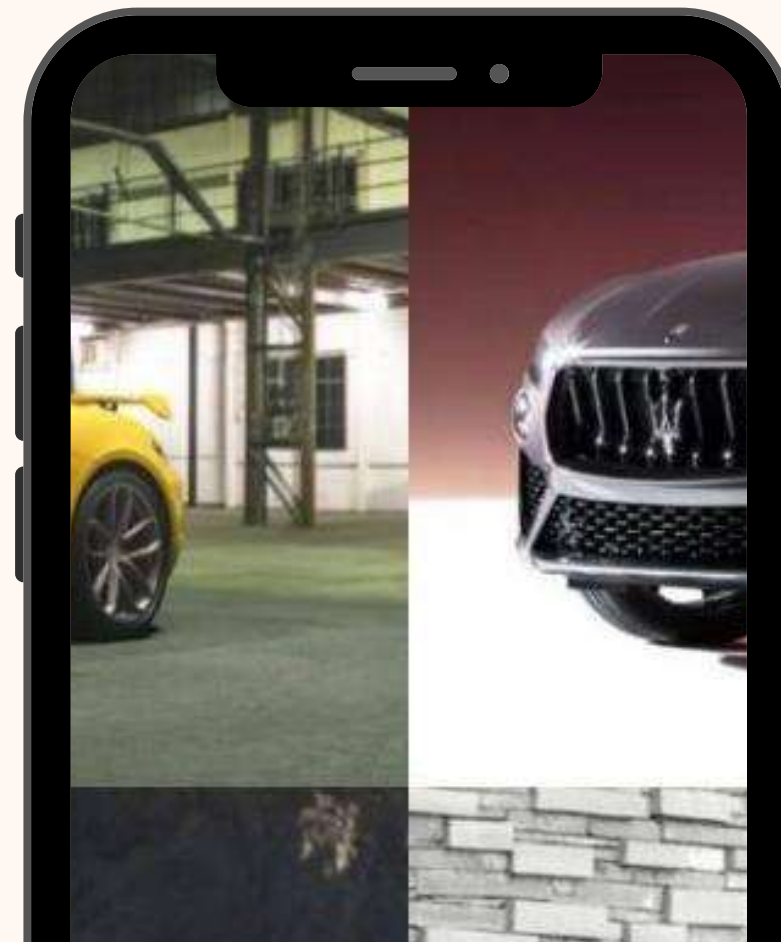
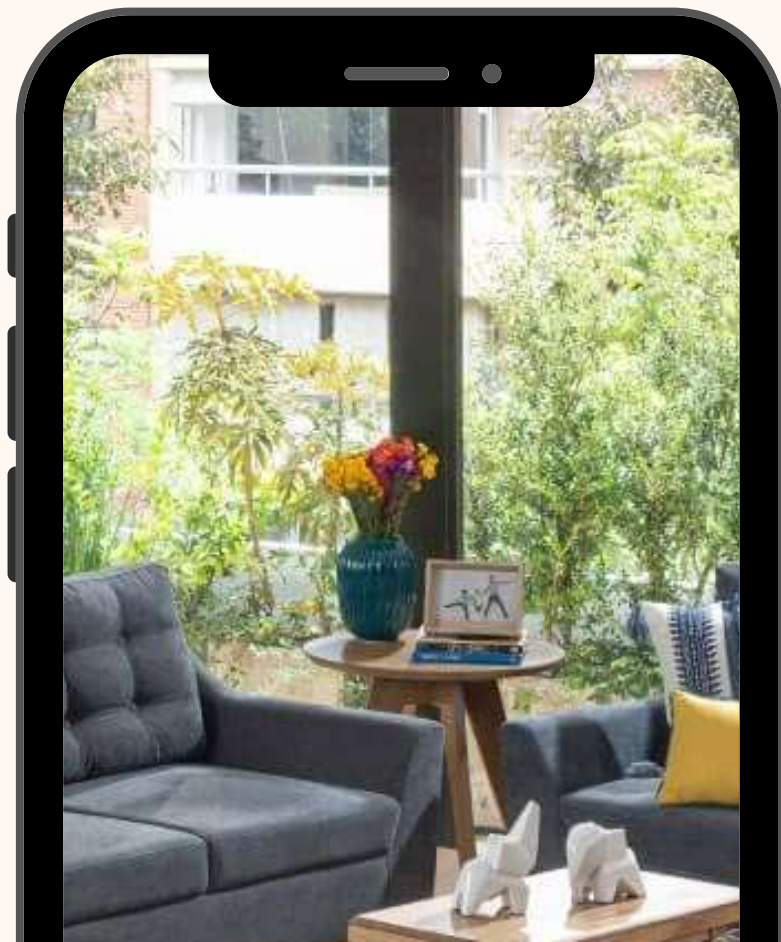
Value proposition

For buyers

The platform will provide access to a wide variety of new and used items, with the ability to compare prices, ensuring a secure and guaranteed purchasing process.

For Sellers

They will be able to easily list their products, both new and used, without the need to create a separate online store, and gain access to a large user base, all managed from a centralized interface.



Functionality

1 — Uses

Registration, login, profile editing, and purchasing and sales management

2 — Article

Each item can be new or used, and will have a category, price, and stock quantity.

3 — Orders and Payments

Upon confirming an order, the payment is processed with the bank's confirmation.



Delivery Date

We implemented a reliable service where an estimated delivery date will be displayed.

4 — Shopping Cart

Users will add items to their shopping cart and proceed with payment when they are ready.

User stories

- **David Gomez:** As a new user (seller or buyer), I want to be able to register by providing my personal information (name, email, phone number), so I can start using the platform and access the buying or selling features.
- **Maria Patiño:** As a seller, I want to be able to create a product listing by specifying its category (e.g., car, phone, appliance), condition (new or used), price, and description.
- **Diego Hernández:** As a buyer, I want to be able to search for products using filters such as category, condition (new or used), and price.
- **Dayan Gutierrez:** As a buyer, I want to be able to add products to the cart and proceed to payment to purchase the items.
- **Santiago Mesa:** As a buyer, I want to access a purchase history where I can see all my previous transactions with details of each product.
- **Erick Quiñonez:** As a seller, I want to be able to manage my inventory, seeing which of my products have been sold and which are still available.
- **David Pulido:** As a seller, I want to be able to create a product listing by specifying its category (e.g., car, phone, appliance), condition (new or used), price, and description.
- **Santiago Sanchez:** As a seller, I want to receive a notification when someone buys one of my products, so I can prepare the shipment and communicate with the buyer if necessary.
- **Felipe García:** As a buyer, I want to be able to add products to a wishlist or favorites list, to save items I'm interested in and view or purchase them later without having to search for them again.

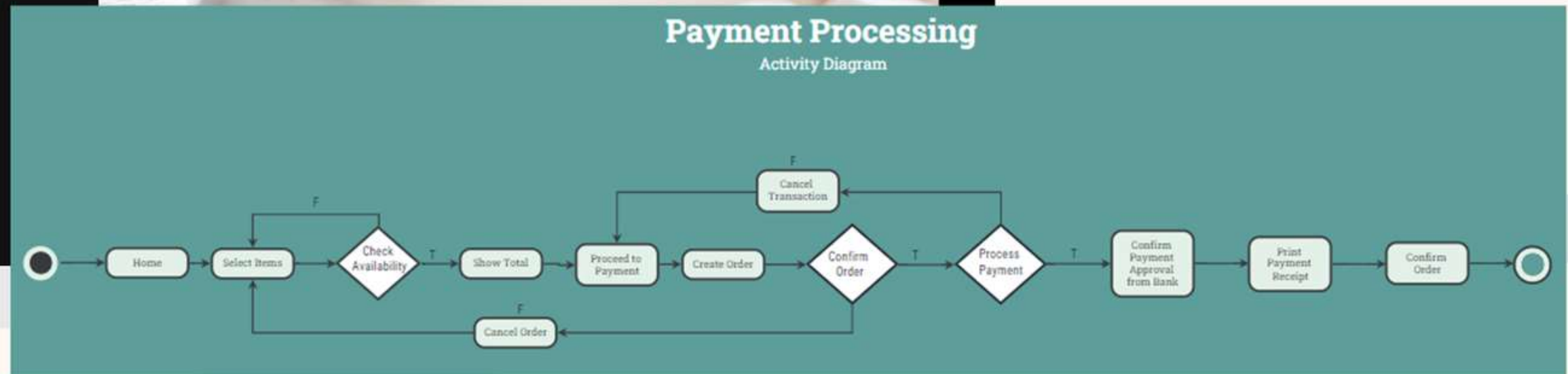
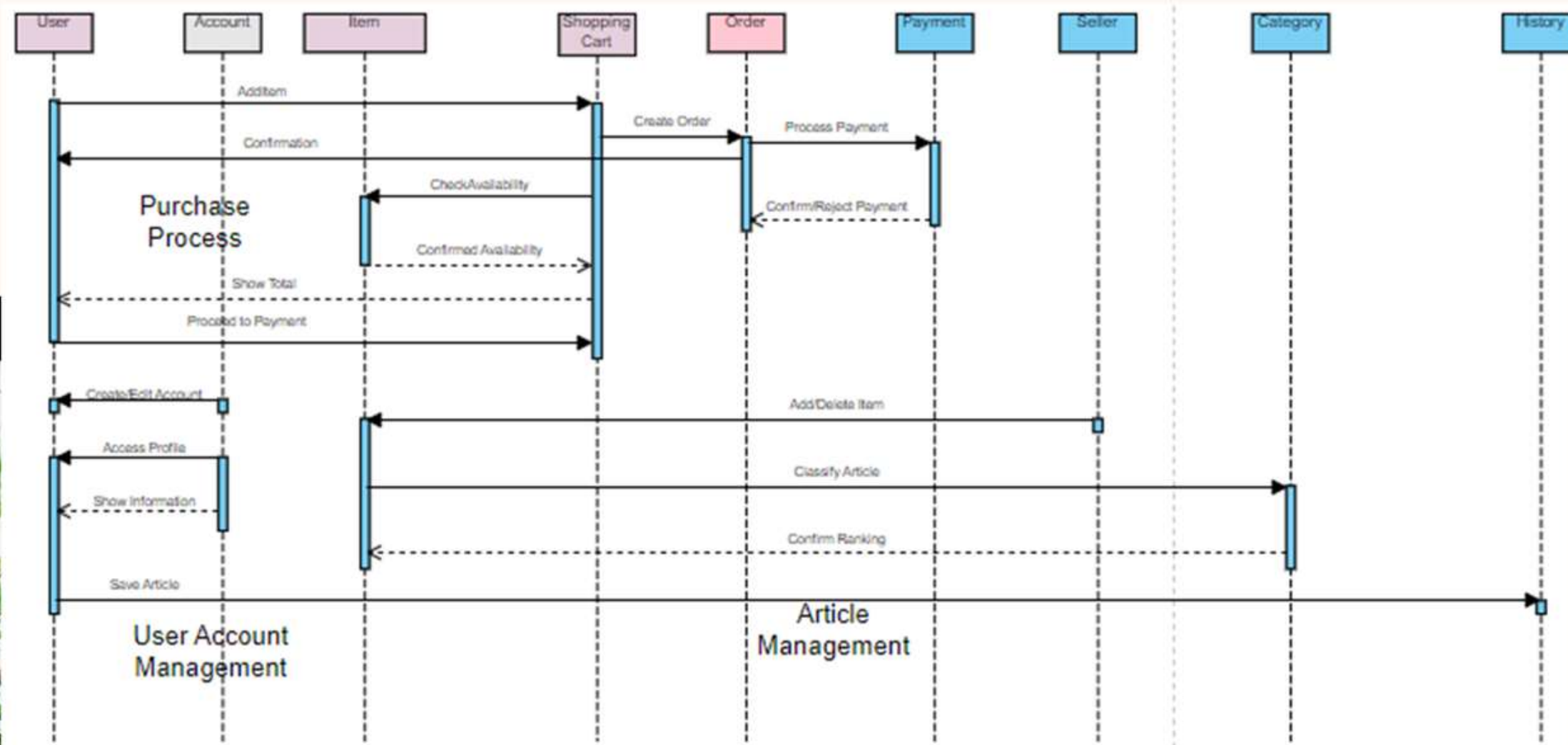
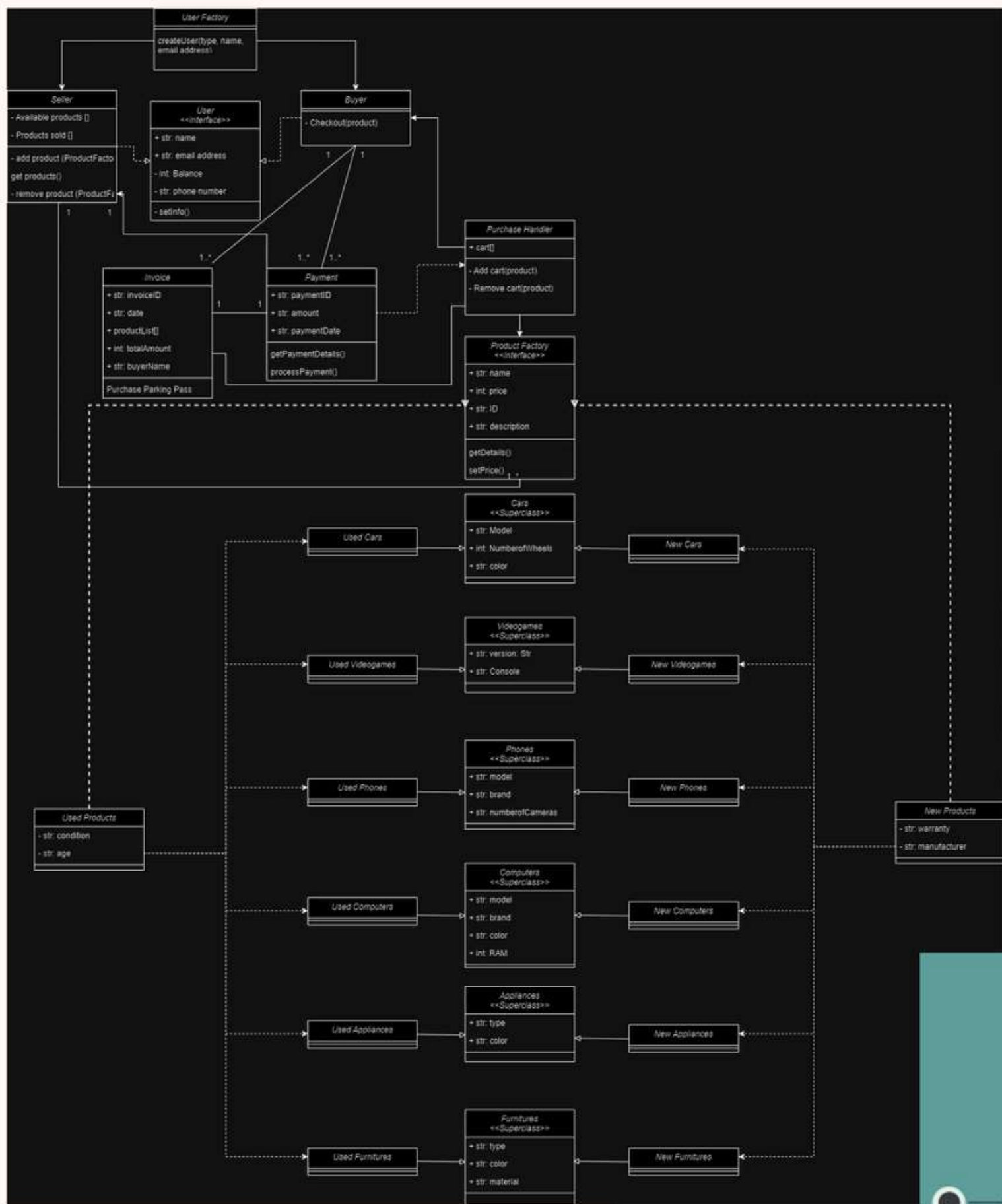
Components

- USERS:
- Seller.
- Buyer.
- User Factory.
- PRODUCTS:
- New and Used Products.
- Product Subcategories.
- PURCHASE MANAGEMENT. PAYMENTS.

Processes

- User Registration
- Product Listing by Sellers
- Product Search and Selection by Buyers
- Purchase and Payment Process
- Billing Management
- Purchase History





Seller	
Responsability	Collaboration
<ul style="list-style-type: none"> Manage available products Add Products Retrieve and remove products 	<ul style="list-style-type: none"> Product Factory User (inherits attributes from User)

Product Factory	
Responsability	Collaboration
<ul style="list-style-type: none"> Create and manage products. Retrieve and set product details. 	<ul style="list-style-type: none"> Purchase Handler Seller Buyer

Payment	
Responsability	Collaboration
<ul style="list-style-type: none"> Process payments. Retrieve payment details. 	<ul style="list-style-type: none"> Buyer Invoice

Buyer	
Responsability	Collaboration
<ul style="list-style-type: none"> Perform purchases (checkout). 	<ul style="list-style-type: none"> Payment Seller (for products) User (inherits attributes from User)

Purchase Handler	
Responsability	Collaboration
<ul style="list-style-type: none"> Manage the shopping cart (add and remove products). 	<ul style="list-style-type: none"> ProductFactory Buyer

Invoice	
Responsability	Collaboration
<ul style="list-style-type: none"> Generate invoices for purchases. 	<ul style="list-style-type: none"> Buyer Payment



User	
Responsability	Collaboration
<ul style="list-style-type: none"> Store basic user information (name, email, balance, phone number). Set user information. 	<ul style="list-style-type: none"> Seller Buyer

New Products (inherits from ProductFactory)	
Responsability	Collaboration
<ul style="list-style-type: none"> Manage new products, including warranty and manufacturer. 	<ul style="list-style-type: none"> Seller Buyer

Used Products (inherits from ProductFactory)	
Responsability	Collaboration
<ul style="list-style-type: none"> Manage used products, including condition and age. 	<ul style="list-style-type: none"> Seller Buyer

User Factory	
Responsability	Collaboration
<ul style="list-style-type: none"> Create users of type "Seller" or "Buyer" (user factory). 	<ul style="list-style-type: none"> Seller Buyer

Thanks

SHOPI :D