

# REPORT A

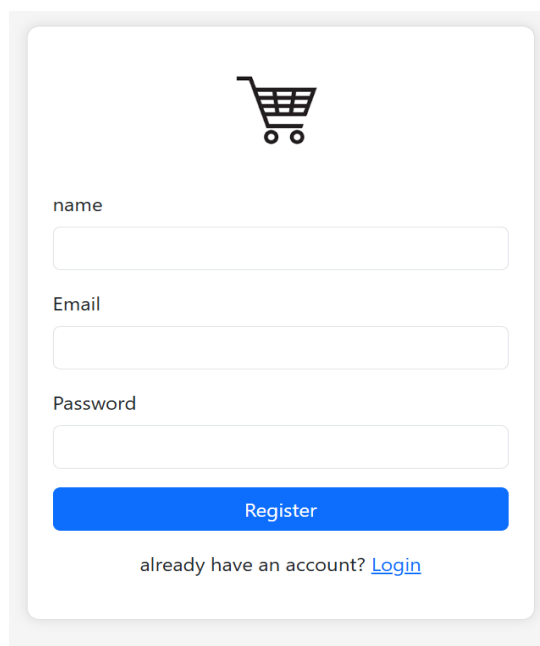
## A.1 OVERVIEW

**Buyzone** is a simple web platform focused on user-to-user buying and selling activities. The name "Buyzone" comes from the concept of this site being a dedicated *shopping zone*.

When a visitor opens the website, they are immediately shown a list of products posted by users. However, in order to purchase, comment, rate, or post items for sale, visitors are required to *create an account*.

Once registered and logged in, users can:

- Browse and search for products
- Purchase products (including multiple items in a single transaction)
- Upload products for sale (including description, price, and image)
- Comment and give ratings on products
- Make payments using a *QR popup system*, which will then be verified



name

Email

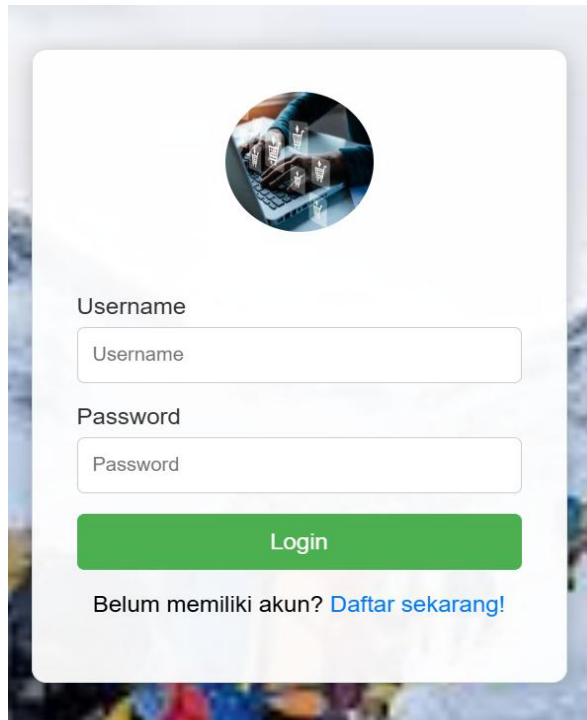
Password

Register

already have an account? [Login](#)

### (Register Page)

Once the registration form is successfully submitted, the system redirects the user to the **Login Page**, where they are required to enter their credentials to log in.



Username

Username

Password

Password

Login

Belum memiliki akun? [Daftar sekarang!](#)

### (Sign-Up or Login Page)

This login process is essential for identity verification. Only authenticated users are allowed to access advanced features such as purchasing products, posting items for sale, commenting, and rating.

After logging in, the user is redirected to the main dashboard page, where they can manage and interact with the available product listings. This is the central area where all seller-related activities are performed.

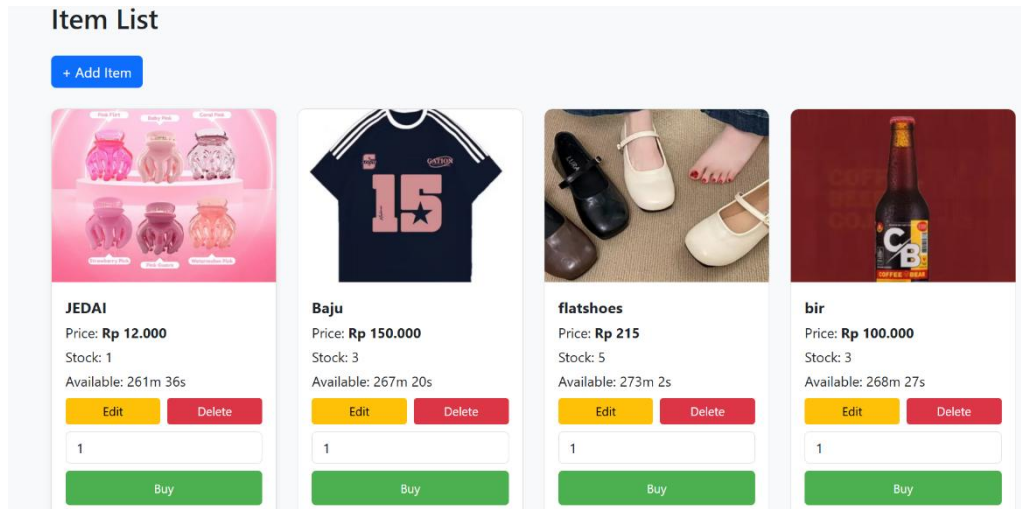
At the top of the page, there is a prominent “+ Add Item” button, which allows the user to upload a new product to be sold. Users must input the product’s name, price, stock quantity, and an image. Once added, the product is displayed in the list below.

Each product in the list is displayed as a product card, which includes:

- A product image
- Product name
- Price
- Stock availability
- Countdown timer for availability
- Input field to select quantity for purchase

- Edit, Delete, and Buy buttons

These controls allow the user to manage their product listings in real time. If the user is also a buyer, they can directly input a quantity and click “Buy” to purchase items listed by others.



This page is designed to be intuitive and functional, giving users full access to both buying and selling tools without needing to switch interfaces.

## A.2 BUSINESS FUNCTIONS

*Buyzone* supports the following functions:

- View and browse available products on the homepage
- Create an account with email, username, and password
- Log in to access personalized features
- Search for specific products or keywords
- Upload products for sale with relevant details
- Comment on product pages
- Give ratings (1 to 5 stars) to products
- Purchase multiple products in one transaction
- Make payments via a verified QR popup system
- View and manage listed products
- Edit or delete own product listings
- View transaction history as buyer or seller

### **A.3 DATA REQUIREMENTS**

- User Account: name, email, password
- Product: product name, description, price, stock, image, owner (user)
- Comment: related product, user, text content, timestamp
- Rating: user, related product, rating value
- Transaction: transaction ID, buyer, list of products, total amount, timestamp
- Payment: payment method (QR), verification status, time

### **A4.BUSSINESS RULES**

1. Every customer must have a verified account to make a purchase.
2. After making a payment, the customer has 24 hours to complete the payment. Otherwise, the order will be canceled automatically.
3. The product stock will be reduced automatically after the payment is confirmed.
4. Each product must have complete information: name, description, size, color, price, and stock.
5. All products must be separated (eg: Men, Women, Kids, Accessories).
6. The system only allows 1 promo code to be used per transaction.
7. Discounts do not apply to products with the "Clearance" or "Flash Sale" labels.
8. Customers can submit a return up to 7 days after the item is received, by including photo evidence and a clear reason.
9. Returned items must be in new condition, never used, and the label is still intact.
10. Return costs are borne by the customer, unless the item is damaged or sent incorrectly.
11. Shipping costs are calculated based on weight and location, with the rates of the shipping service selected by the customer.
12. Customers with at least 5 successful transactions automatically move up to "Loyal Member" status and get a 5% discount.
13. Customers can view their order history and shipping status on their account dashboard.