Business Rules

for

BUILDING AN ONLINE SHOE-SELLING WEBSITE, Release 1.0

**Version 1.0 approved**

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**Process Impact**

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# Business Rules for Online Shoe Stores

| ***ID*** | ***Rule Definition*** | ***Type of Rule*** | ***Static or Dynamic*** | ***Source*** |
| --- | --- | --- | --- | --- |
| BR-1 | The selling price of the store is calculated by adding a $50 profit to the original cost of each pair of shoes. | Computation | Dynamic | Shop Policy |
| BR-2 | The original cost of each pair of shoes is determined by the supplier and does not change. | Fact | Static | Supplier Agreement |
| BR-3 | The profit amount is determined by multiplying the number of shoes sold by $50. | Computation | Dynamic | Shop Policy |
| BR-4 | When a customer adds a product to the shopping cart, the quantity of that product in the inventory should decrease accordingly. | Constraint | Dynamic | Inventory Management System |
| BR-5 | Each product in the shopping cart can be purchased with a maximum quantity of 10 pairs of shoes. | Constraint | Static | Shop Policy |
| BR-6 | The system must automatically calculate the total amount to be paid for each order based on the selling price of each product and the quantity purchased. | Computation | Dynamic | System Design |
| BR-7 | Customers can choose multiple payment methods such as VnPay, or Payment on delivery. | Constraint | Static | Shop policy |
| BR-8 | When paying with a credit card, the system should validate the card information and confirm the transaction. | Constraint | Static | Payment Gateway Integration |
| BR-9 | Content creators can create new and modify existing product information, including images, descriptions, and selling prices. | Constraint | Static | Shop Policy |
| BR-10 | Admin has the authority to manage the employee list, including adding, modifying, and deleting employees. | Constraint | Static | Shop Policy |
| BR-11 | Admin has the authority to assign access permissions to each employee based on their roles and responsibilities. | Constraint | Static | Shop Policy |
| BR-12 | Admin can monitor and manage employee earnings based on sales revenue and commission rates. | Constraint | Static | Shop Policy |
| BR-13 | The shipper has the right to set the order status as "Shipping", "Shipped", "Canceled" or "Failed". | Constraint | Static | Shop Policy |
| BR-14 | Shippers have the authority to view the history of delivered orders and detailed information about each order. | Constraint | Static | Shop Policy |
| BR-15 | Customers can purchase any available product in the store as long as there is sufficient quantity in stock. | Constraint | Static | Shop Policy |
| BR-16 | Customers have the ability to chat with the store to request additional information about products or assistance. | Constraint | Static | Shop Policy |
| BR-17 | Users can edit their personal information, including shipping addresses, payment information, and passwords. | Constraint | Static | Shop Policy |
| BR-18 | Users can view the history of their purchased orders, including information about the products, quantities, selling prices, and status. | Constraint | Static | Shop Policy |
| BR-19 | The system must send order confirmation emails to customers after a successful order placement. | Constraint | Static | System Design |
| BR-20 | Customers can request returns or exchanges for products within 7 days from the date of receipt. | Constraint | Static | Shop Policy |
| BR-21 | The system should send notifications to users regarding changes in orders, deliveries, or payments. | Constraint | Static | System Design |
| BR-22 | Customers must log in to their accounts to make purchases and view personal information. | Constraint | Static | Shop Policy |
| BR-23 | The system must automatically calculate shipping fees based on the delivery address and product weight. | Computation | Dynamic | Shop Policy |
| BR-24 | Customers must provide accurate shipping address information to ensure successful delivery. | Constraint | Static | Shop Policy |
| BR-25 | The system must generate a unique order ID for each order and store relevant information. | Constraint | Static | Shop Policy |
| BR-26 | Each product must be categorized into various categories such as men, women, kids, sports, fashion, technology, etc. | Constraint | Static | Shop Policy |
| BR-27 | The store has the authority to apply promotional programs and discounts to specific products or entire orders. | Constraint | Static | Shop Policy |
| BR-28 | The system must automatically calculate taxes (if applicable) based on current tax regulations for each product and delivery region. | Computation | Static | Shop Policy |
| BR-29 | The store must ensure the security and encryption of customer information and transactions according to safety standards. | Constraint | Static | Shop Policy |
| BR-30 | The system must back up and protect customer data, order information, and related data to ensure data recovery when necessary. | Constraint | Static | Shop Policy |