User Requirements Specifications

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Sneaker Wave Store

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Client agreements

Through our client meetings, we have agreed to adhere to the following:

- The team will work 4 hours per day

Non-functional requirements

NFR-1

Maintainable and extendable
Proper OO principles must be applied to ensure good maintainability and extensibility of the code base.

NFR-2

Bug free system
Appropriate testing techniques must be used when implementing the system to ensure proper functioning and delivering of a bug free application.

NFR-3

Secure software
Only authorized people may make use of the system and can only access data they are authorized for. Passwords and user input must also be handled appropriately.

Functional requirements

Importance	Category	ID	Title	Description
Must	Employees	FR-1	Product management	An employee must be able to manage products and stocks.
Should				
Must				
Must				
Could				

Use cases

UC-01 Create account

Actor: Customer

Conditions: None

Main success scenario(MSS)

1) Actor inputs their required information.
2) The system verifies the credentials and redirects user to main page.

Extensions:

1a) Actor enters invalid or missing credentials.

1) The system notifies the actor that the credentials are invalid.
2) Return to MSS step 1.

UC-02 Logging in

Actor: Customer / Sneaker Wave staff member

Conditions: None

Main success scenario(MSS)

1) Actor inputs their username and password
2) The system verifies the credentials and grants access to the staff member by showing the main view

Extensions:

1a) Actor enters invalid credentials.

1) The system notifies the actor that the credentials are invalid.
2) Return to MSS step 1.

UC-03 Adding a new product

Actor: Sneaker Wave stock management employee

Conditions:

- Must have logged in
- Must have navigated to the "add product" view on the desktop application

Main success scenario(MSS)

1) Actor fills in data to create a new product and confirms.
2) System stores the product information and notifies the actor that the product has been successfully added.

Extensions:

1a) Actor enters invalid or missing data

1) The system notifies the actor that there is invalid or missing data.
2) Continue to MSS step 1.

UC-04 Remove product

Actor: Sneaker Wave stock management employee

Conditions:

- Must have logged in
- Must have navigated to the "products" view on the desktop application

Main success scenario(MSS)

1) Actor selects product from products list.
2) System displays options menu(update, remove, etc.).
3) Actor choses "remove" option and confirms.
4) System notifies user that the product has been removed.