

StockMaster

Inventory Management Web Application

Introduction

StockMaster aims to provide a user-friendly and efficient solution for managing inventory. Our web application will streamline the process of tracking products, managing stock levels, and ensuring timely identification of items nearing expiration. With StockMaster, you will be able to monitor your inventory in real-time, improve stock management practices, and reduce waste caused by expired products.

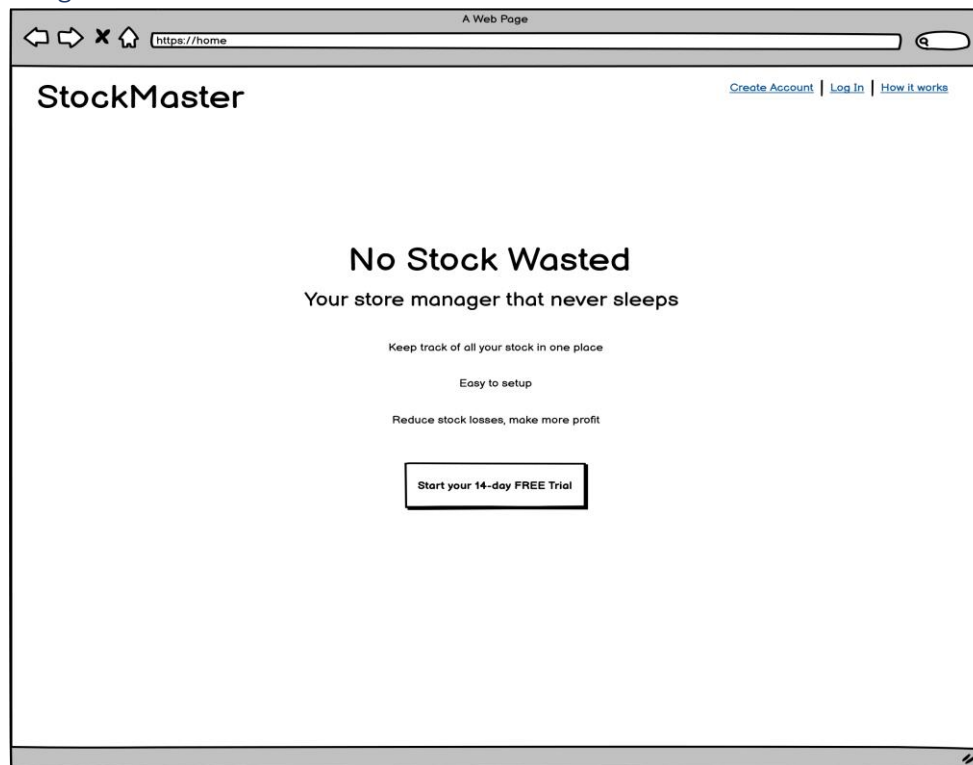
Key Features

StockMaster will include the following essential features:

1. **User-friendly Dashboard:** A comprehensive dashboard will provide an overview of the inventory, including the total number of available products and a highlighted section for items nearing expiration (within 7 days).
2. **Product Entry:** Users will be able to enter product details such as name, barcode, quantity, expiration date, image, and category. This feature will facilitate easy and accurate data entry.
3. **Export Functionality:** StockMaster will allow users to remove products from the inventory. Barcode scanning will automatically populate product details, simplifying the export process.
4. ***History Log:** A dedicated history page will record all export and import movements, providing a detailed log for reference and tracking purposes.
5. ***Categories:** StockMaster will provide functionality to categorize products, enabling efficient organization and filtering.
6. ***Auto Data Filling:** When users enter the barcode for an already registered product, the system will auto fill the related fields, saving time and effort for the user.
7. ***Products Page:** Will display all the products that were registered, as well as a filtration system based on the products categories.

Wireframe

Welcome Page:



A wireframe of a web browser window titled "A Web Page". The address bar shows "https://home". The page features the "StockMaster" logo in the top left and navigation links "Create Account", "Log In", and "How it works" in the top right. The main content area has a heading "No Stock Wasted" followed by the subheading "Your store manager that never sleeps". Below this are three bullet points: "Keep track of all your stock in one place", "Easy to setup", and "Reduce stock losses, make more profit". At the bottom center is a button labeled "Start your 14-day FREE Trial".

StockMaster [Create Account](#) | [Log In](#) | [How it works](#)

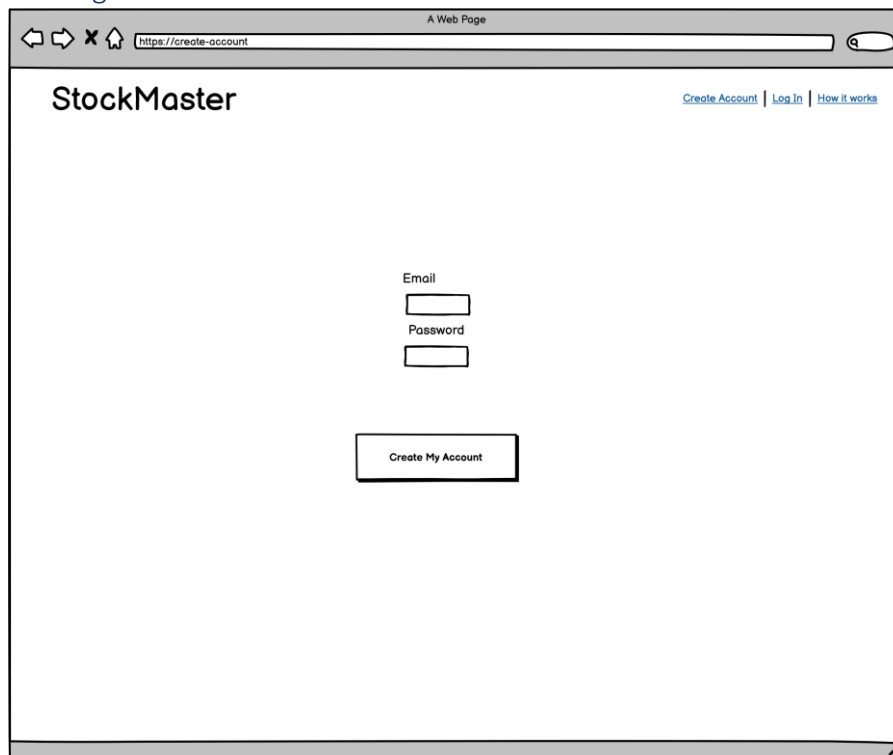
No Stock Wasted

Your store manager that never sleeps

- Keep track of all your stock in one place
- Easy to setup
- Reduce stock losses, make more profit

Start your 14-day FREE Trial

Create Account Page 1:



A wireframe of a web browser window titled "A Web Page". The address bar shows "https://create-account". The page features the "StockMaster" logo in the top left and navigation links "Create Account", "Log In", and "How it works" in the top right. The main content area has a form with two input fields labeled "Email" and "Password". Below the form is a button labeled "Create My Account".

StockMaster [Create Account](#) | [Log In](#) | [How it works](#)

Email

Password

Create My Account

Create Account Page 2:

A Web Page

https://create-account

StockMaster

Create Account | Log In | How it works

You're halfway through it!

Your account has been created. Please enter the following details below to complete registration

First Name:

Last Name:

Business Legal Name:

Phone Number:

Complete Registration

Dashboard Page:

A Web Page

https://dashboard

StockMaster

Log Out

<<Business name displayed here>

Dashboard

Products

Orders

History Activities

Settings

Export

Export Products

Sell / remove

\$

Montly Sales

15,450 ILs

P

Available Products

5400 Product

o

Prodcuts Capital Price

75,659 ILs

Products About to Expire !

Product Name	Barcode	Expiry Date	Estimated left QTY	Action
Candia Milk 3% fat	123456789	20/07/2023	10 of 15	Remove Product
Kitkat 4 fingers Chocolate	123456789	21/07/2023	20 of 80	Remove Product

Orders Page:

A Web Page

https://Orders

StockMaster

Log Out

<<Orders>>

Orders

Dashboard

Products

History Activities

Settings

Product Barcode

Product Name

Quantity

Selling Price

+ Add To Cart

Product Name	Barcode	QTY	Price	Total Price	Action
Candia Milk 3% fat	123456789	1	5 ILs	5 ILs	Remove Product
Kitkat 4 fingers Chocolate	123456789	3	4 ILs	12 ILs	Remove Product

Total Price : 17 ILs

Clear All

Export Products (Sell)

Products Page:

A Web Page

https://Products

StockMaster

Log Out

<<Products>>

☰

Products

Dashboard

Orders

History Activities

Product Barcode

Product Name

Quantity

Expiry Date

Cost Price

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Add Product (+)

Products List ☰

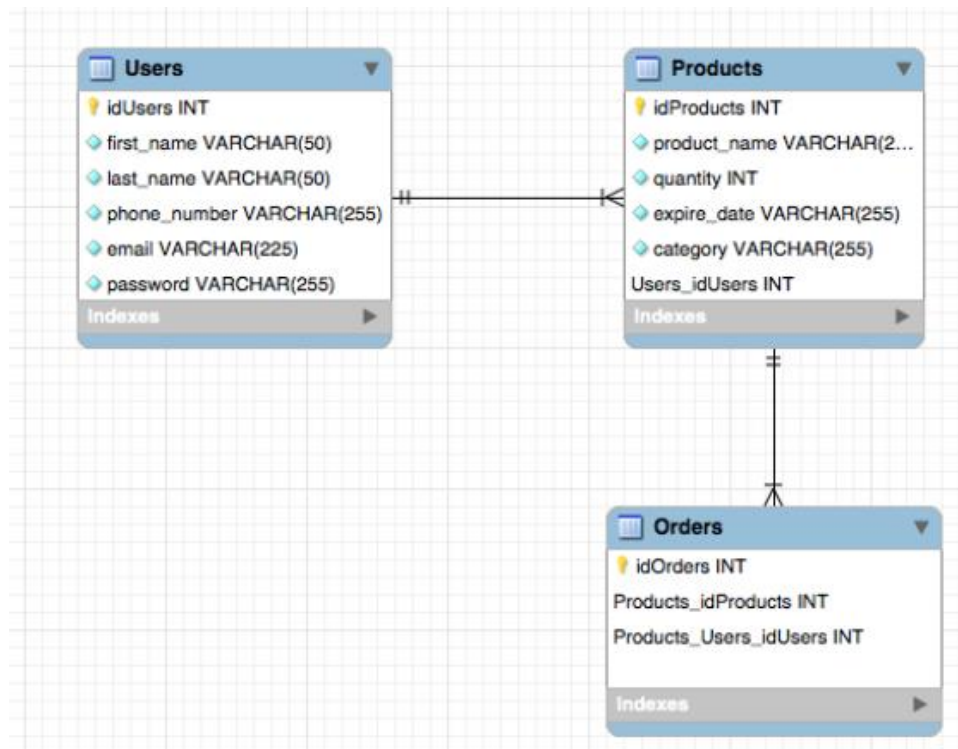
Product Name	Barcode	Expiry Date	QTY	Cost	Total Cost	Action
Candia Milk 3% fat	123456789	20/07/2023	40	5 ILs	200 ILs	Remove Product
Kitkat 4 fingers Chocolate	123456789	21/07/2023	75	10 ILs	750 ILs	Remove Product

Total Cost: 950 ILs

Clear All

Submit Products

ERD (Entity Relationship Diagram)



Team Members and Responsibilities

Our project team consists of a Full-Stack developers. Here are the team members and their assigned responsibilities:

Hamada Read - Full-Stack Developer:

- Responsible for project coordination, task management, and overall delivery.
- Front-end and back-end development.
- Quality assurance and testing.

Kareem Malhis - Full-Stack Developer:

- Responsible for implementing the back-end logic and database integration.
- API development and data management.

Yazan Muqbel - Full-Stack Developer:

- Responsible for implementing the user interface and front-end functionality.
- Collaborating with the UI/UX designer to ensure a cohesive design.

Team Supervisor: Shatha Bast

GitHub Repository

https://github.com/Kareem-124/Team_Project

Tasks and Timeline

Below is an overview of the project tasks and estimated timeline:

1. Project Setup and Structure: 16/07/2023 - 18/07/2023
2. User login and Registration: 18/07/2023 - 19/07/2023

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|-----------------------------|-------------------------|
| 3. Dashboard: | 20/07/2023 - 22/07/2023 |
| 4. Export Functionality: | 23/07/2023 - 25/07/2023 |
| 5. Product Entry: | 26/07/2023 - 27/07/2023 |
| 6. Testing, and Refinement: | 27/07/2023 - 28/07/2023 |
| 7. First Release: | 28/07/2023 |

Please note that these dates are tentative and subject to change based on project requirements and progress.

Future Work

*: Some features will be added later at the future (future releases)

- History Log
- Products Page.
- Categories Product Filtering
- Auto data filling when barcoded is entered (Ajax)
- Enable to use devices cameras to scan the barcode
- Upload images for each product.