THRIFT FASHION

SUBMITTED BY TEAM MSG-LYNX

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TABLE OF CONTENT:

INTRODUCTION -:

Purpose:

People often discard clothing items when they are no longer in use. They buy clothing from malls, online retail stores, or regular neighborhood stores and later, when these clothes outgrow their utility, they throw them away or dump them in bins. This has even happened in the case of high-cost clothing. People who can afford expensive fashion typically do not like to repeat their outfits. They move on to buy newer items barely after using current items on two or three occasions. The older ones are then just discarded. This causes burden on the planet because as the number of such discarded fashion (which is still in good condition, nevertheless) increases, the effort to dispose them also increases. clothing.

This supports the theme of recycling and sustainability and is also affordable by many who could not purchase new fashionable clothing.

Proposed Solution:

The proposed solution is a Web application titled Thrift Fashion. It should help individuals with online shopping for pre-used fashionable clothing and provide better access to such products. Users can browse for products, search, filter, and so on. submit feedback regarding the application using a feedback form. We have been given a contract to design and build this e-commerce-based Web application.

Purpose of this Document:

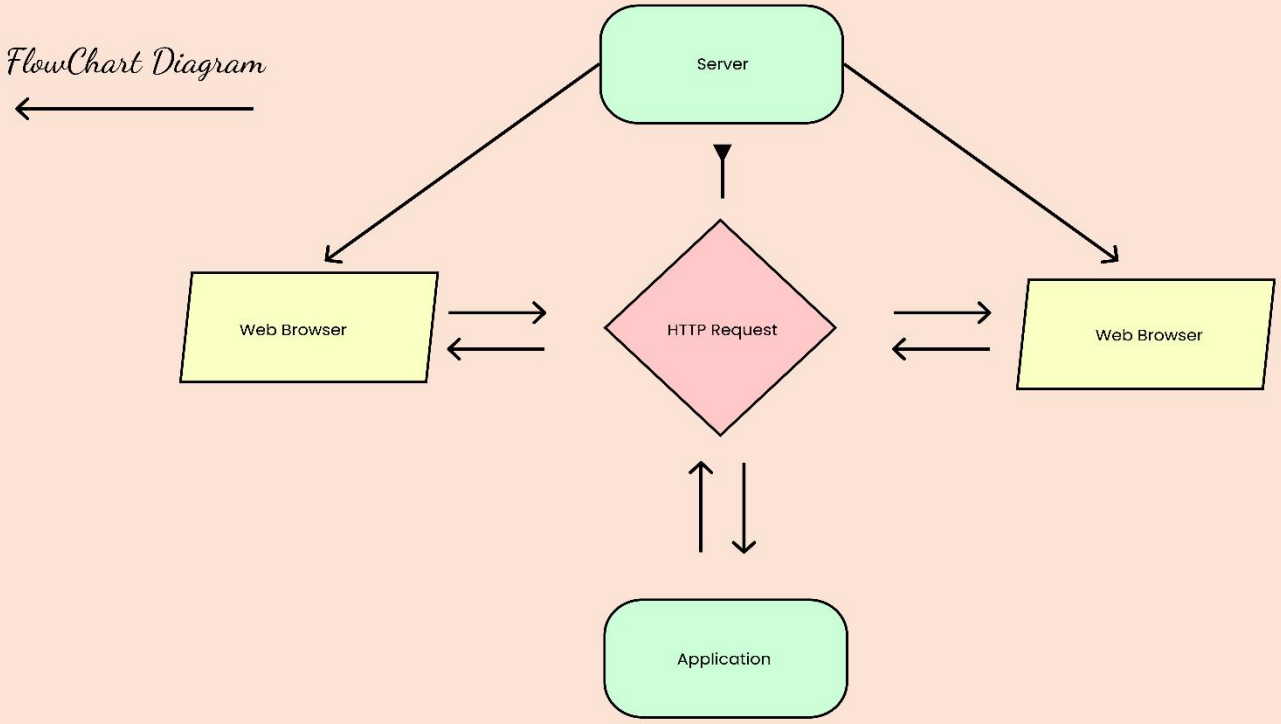
The purpose of this document is to present a detailed description of the Web application titled Thrift Fashion. Thrift Fashion provides an easy shopping facility to the customers, wherein they can sit at one place and shop for pre-used fashionable clothing online anytime, anywhere. This document explains the purpose and features of the Web application, its interfaces, what the Web application will do, and the constraints under which it must operate. This document is intended for both stakeholders and developers of the Web application.

Scope of the Project:

This Web portal will be a responsive and visually appealing Web application to be used by individuals. This portal will be designed to aid users in online shopping. Users can browse through various products, see product description, price, and so on, they can search for a specific product, check out deals for a specific day, purchase products, and check the total amount they are expected to pay. Besides these, there will be a number of other functionalities related to online shopping. However, the application will not have any feature/functionality for implementing or authenticating payment and delivery. These actions are beyond the scope of this application.

FLOWCHART -:

Workflow diagram of how this software supposed to work to fulfill all the required steps to send/receive request from server and application



FUNCTIONAL REQUIREMENTS -:

Functional Requirements: -

Application will be designed with a set of forms/pages with menus representing choice of activities to be performed. Following are the functional requirements of the system (note, 'product' refers to clothing item products):

Home Page: -

It will display general purpose information pages through menus such as Login, Registration, Settings, Products, Today's Deals, Find Product, Checkout, About Us, Contact Us, Feedback, and so on. A few featured products should be displayed on the home page. These will be displayed as images with brief captions.

Register: -

It will enable new customers (henceforth called as users) to register themselves with Thrift Fashion. At the time of registration, users must provide Name, Email ID, Contact Number, and Username, and then, select their Password. Appropriate error-checking must be done on the fields of the form to ensure correct data. For example, email id can be checked to see if it is of appropriate format. (Hint: Use client-side validation).

Login: -

It will allow successfully registered users to login to the Thrift Fashion application and access various features of the application through menus or other options such as Settings (Create, Update, and Delete Profile will be the sub options). A profile can include detailed information about the user, such as address for dispatch of products, saving of credit card information, and so on. Settings: Users will be able to manage their accounts by using sub options such as Create, Update, and Delete Profile. Users can also add addresses using this option.

Products: -

This option will showcase the products one can order online via Thrift Fashion. Products can be displayed through an image gallery and can have product information such as availability, stock, price, discount (if any), product description, and so on. Find Product: Using this option, users can search for a specific product.

NON - FUNCTIONAL REQUIREMENTS -:

Non-Functional Requirements:
There are several non-functional requirements that should be fulfilled by the system, The system should be

Safe to use: -
The system should not result in any malicious downloads or unnecessary file downloads

Accessible:
The system should have clear and legible fonts, user-interface elements, and navigation elements

User-friendly:
The system should be easy to navigate with clear menus and other elements and easy to understand

Operability.
The system should operate in a reliably efficient manner

Performance: -
The system should demonstrate high value of performance through speed and throughput.

Security: -
The system should implement adequate security measures such as authentication. For example, only registered users can access certain features

Compatibility: -
The system should be compatible with latest browsers These are the bare minimum expectations from the project.

INTERFACE REQUIREMENTS: -

HARDWARE:

1. Intel core I5 Processor
2. 8GB RAM or Above
3. Color SVGA
4. 500GB HDD SPACE
5. MOUSE / KEYBOARD

SOFTWARE:

1. ASP .NET MVC 5
2. JAVA 8 or Higher
3. PHP 7.0 or Higher
4. Python 3.0 or Higher
5. Database (MySQL or SQL Server 2016 / Higher)

DATABASE QUERIES: -

TABLE ADMIN: -

```
CREATE TABLE ADMINS(
Admin_id int primary key identity(1,1),
Admin_Name nvarchar(max) NOT NULL,
Admin_Email nvarchar(max) UNIQUE NOT NULL,
Admin_Password BINARY(64) NOT NULL,
Admin_Profile nvarchar(max)
)
```

TABLE USERS: -

```
CREATE TABLE USERS(
User_id int primary key identity(1,1),
User_Name nvarchar(max) NOT NULL,
User_Email nvarchar(max) NOT NULL UNIQUE,
User_Contact nvarchar(max) NOT NULL,
User_Password BINARY(64) NOT NULL,
User_Address nvarchar(max) NOT NULL,
User_Profile varchar(max),
Admin_ID FOREIGN KEY REFERENCES FROM ADMIN(Admin_id)
)
```

// -- /-/ -- //

TABLE PRODUCTS: -

```
CREATE TABLE PRODUCTS (
P_ID int primary key identity(1,1),
P_Name nvarchar(max) NOT NULL,
P_Description nvarchar(max) NOT NULL,
P_Discount nvarchar(max) NOT NULL,
P_Price nvarchar(max) NOT NULL,
P_Stock nvarchar(max) NOT NULL,
P_Availbility nvarchar(max) NOT NULL,
P_Image varchar(max) NOT NULL,
P_Image_2 varchar(max) NOT NULL,
P_Image_3 varchar(max) NOT NULL,
Admin_Id FOREIGN KEY REFERENCES FROM admins(Admin_id)
)
```

TABLE BILLING: -

```
CREATE TABLE BILLING(
User_ID INT FOREIGN KEY REFERENCES FROM USER(User_id),
Product_ID INT FOREIGN KEY REFERENCES FROM PRODUCTS(P_ID),
PurchaseDate DATE NOT NULL,
Quantity INT NOT NULL,
Discount NVARCHAR(50) NOT NULL,
Bill_Amount Money NOT NULL
)
```

// End of Database

SCREENSHOTS REGARDING WEB APPLICATION:

1. ADMIN DASHBOARD
    A. USER MANAGEMENT
    B. PRODUCT MANAGEMENT
2. USER LOGIN / REGISTRATION
3. PRODUCTS

HOMEPAGE: -

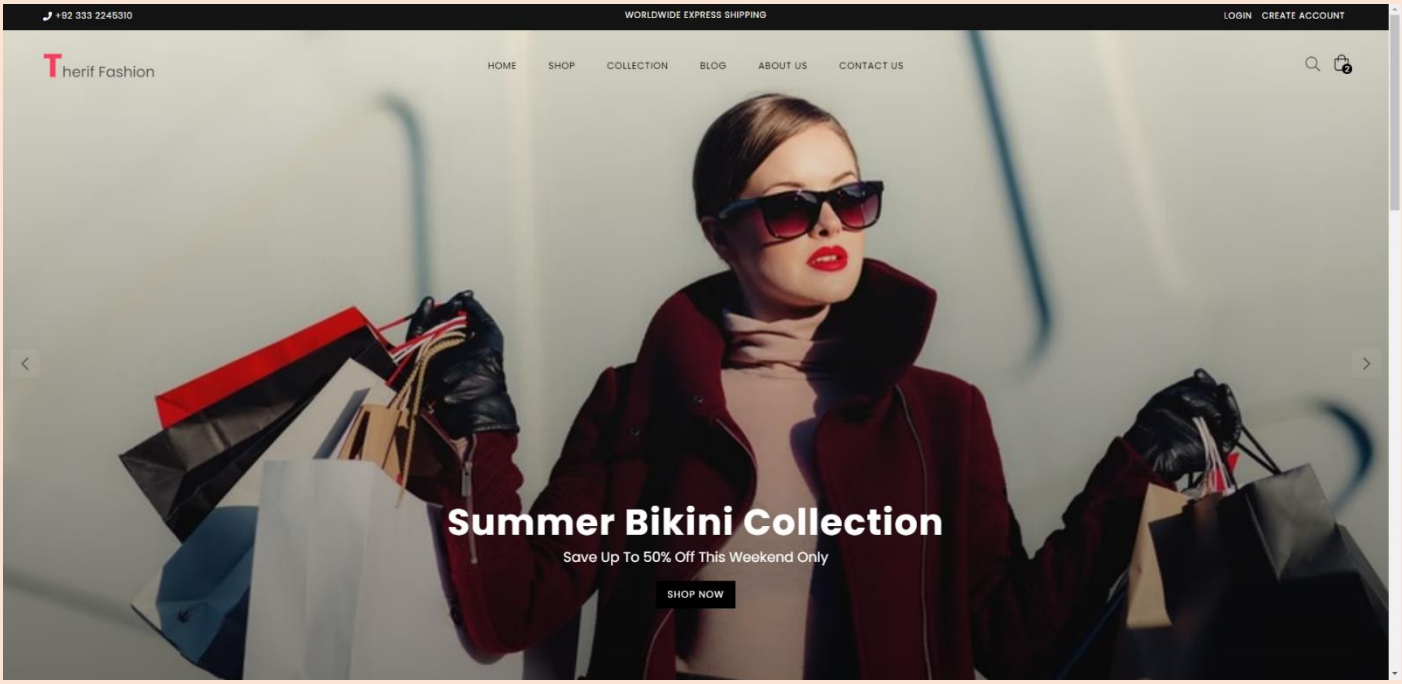


FIGURE 1

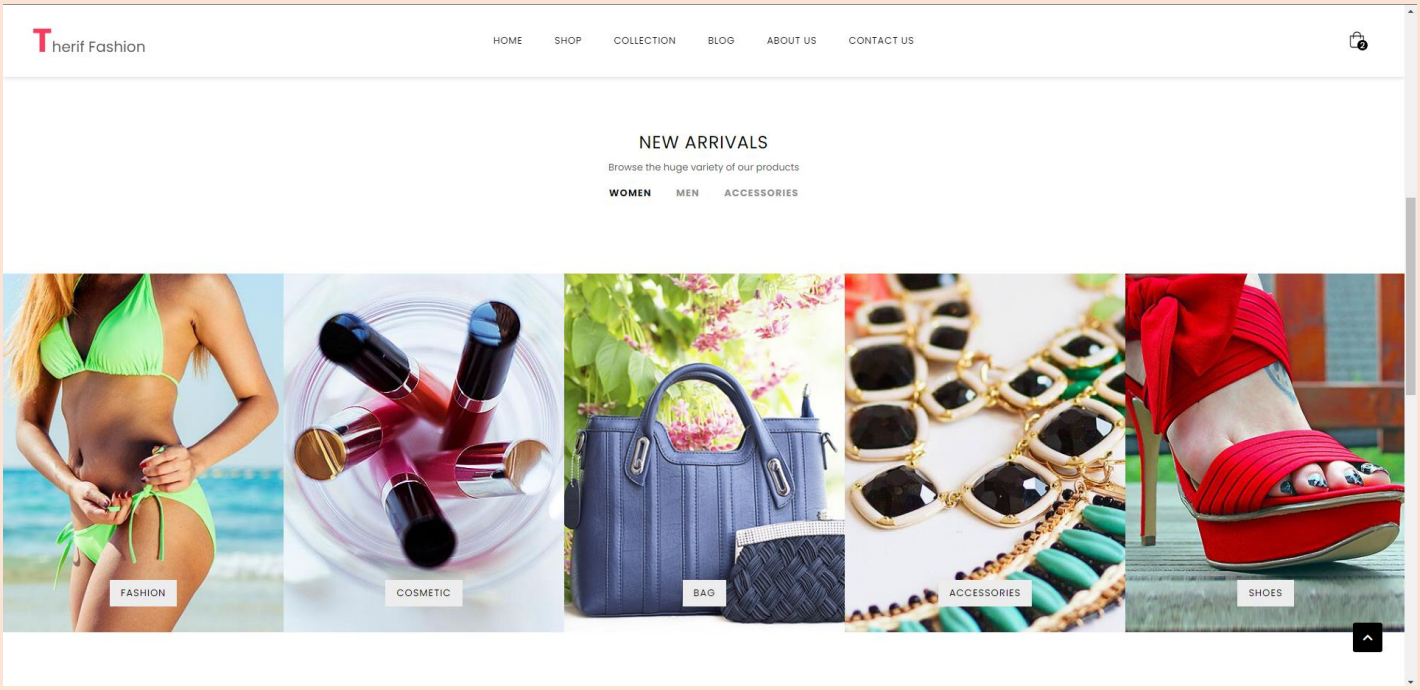


FIGURE 2

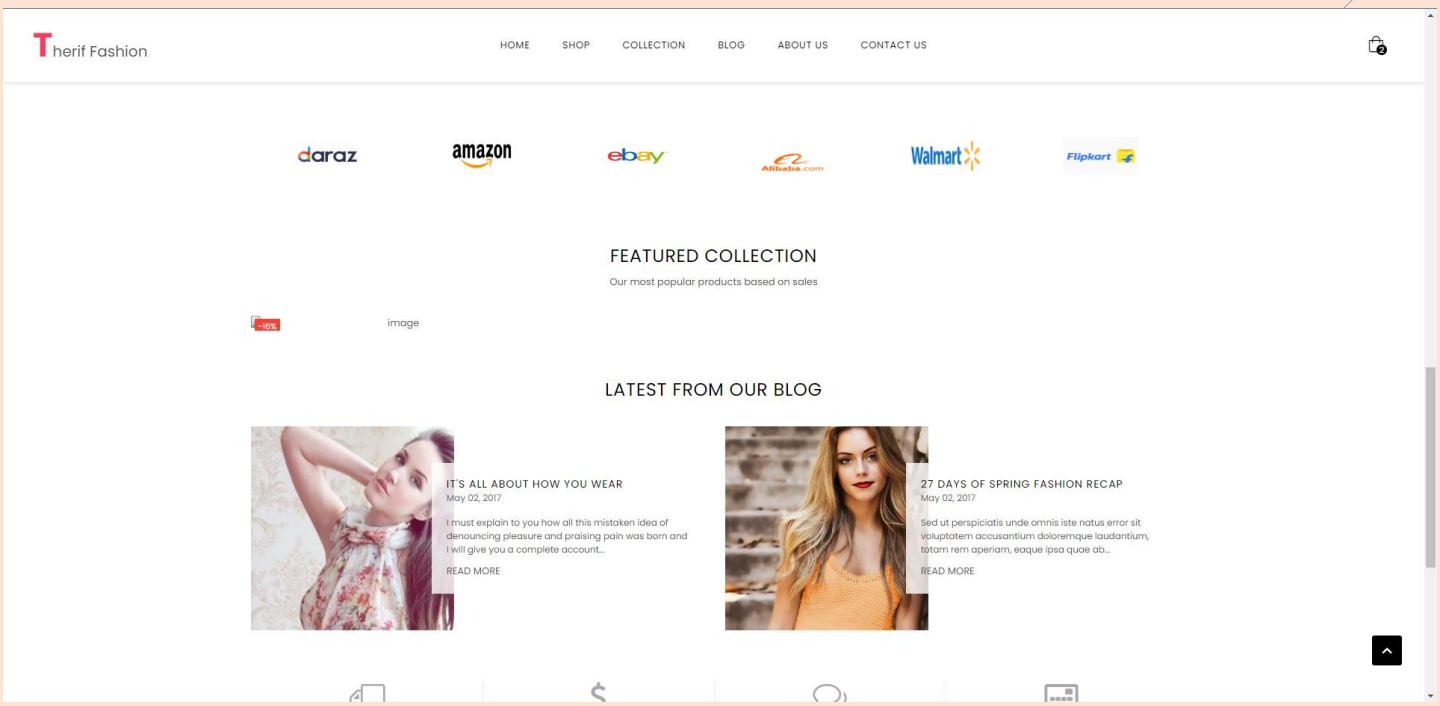


FIGURE 3

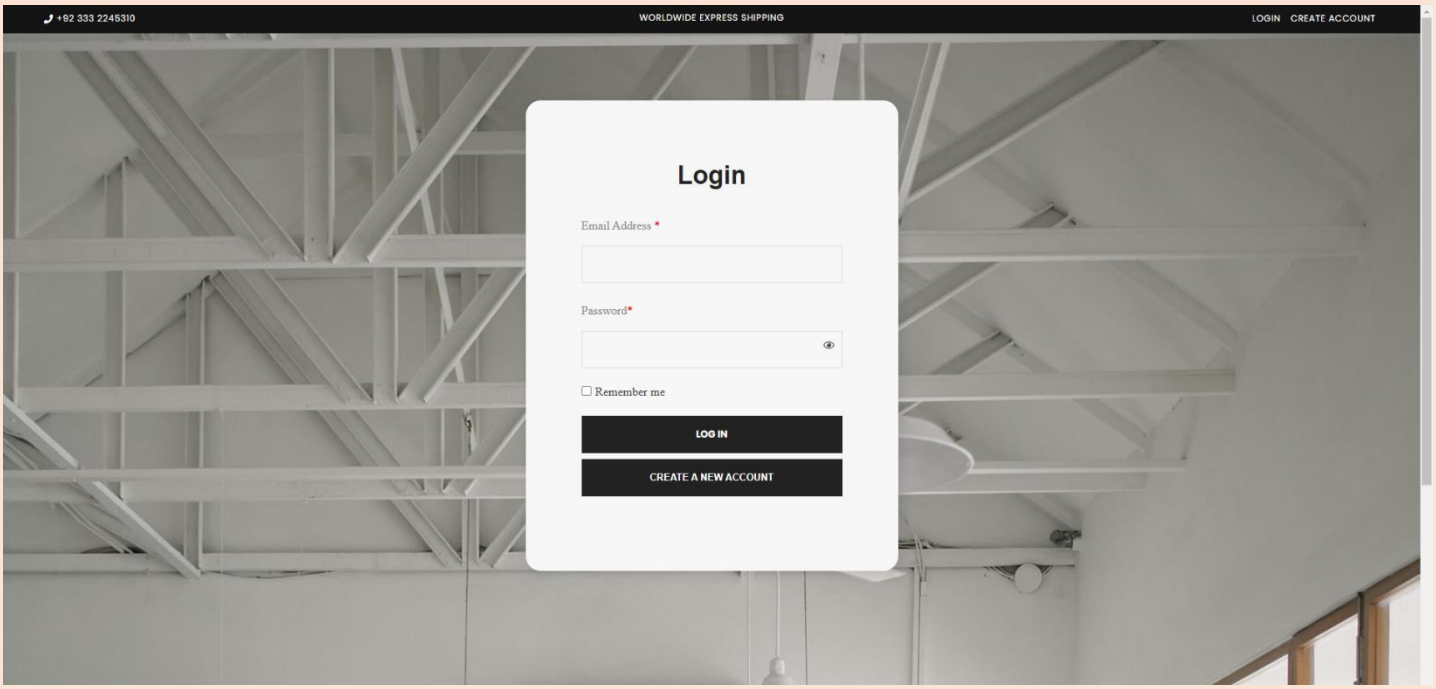


FIGURE 4

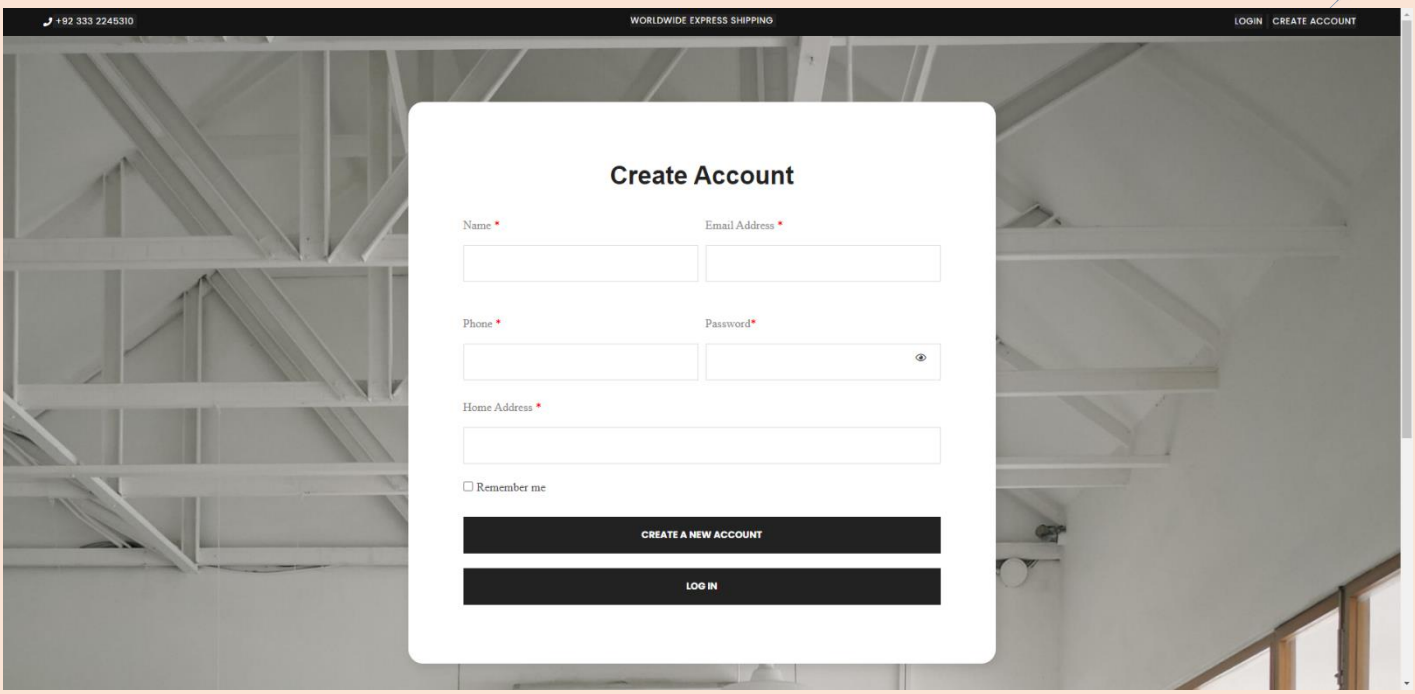
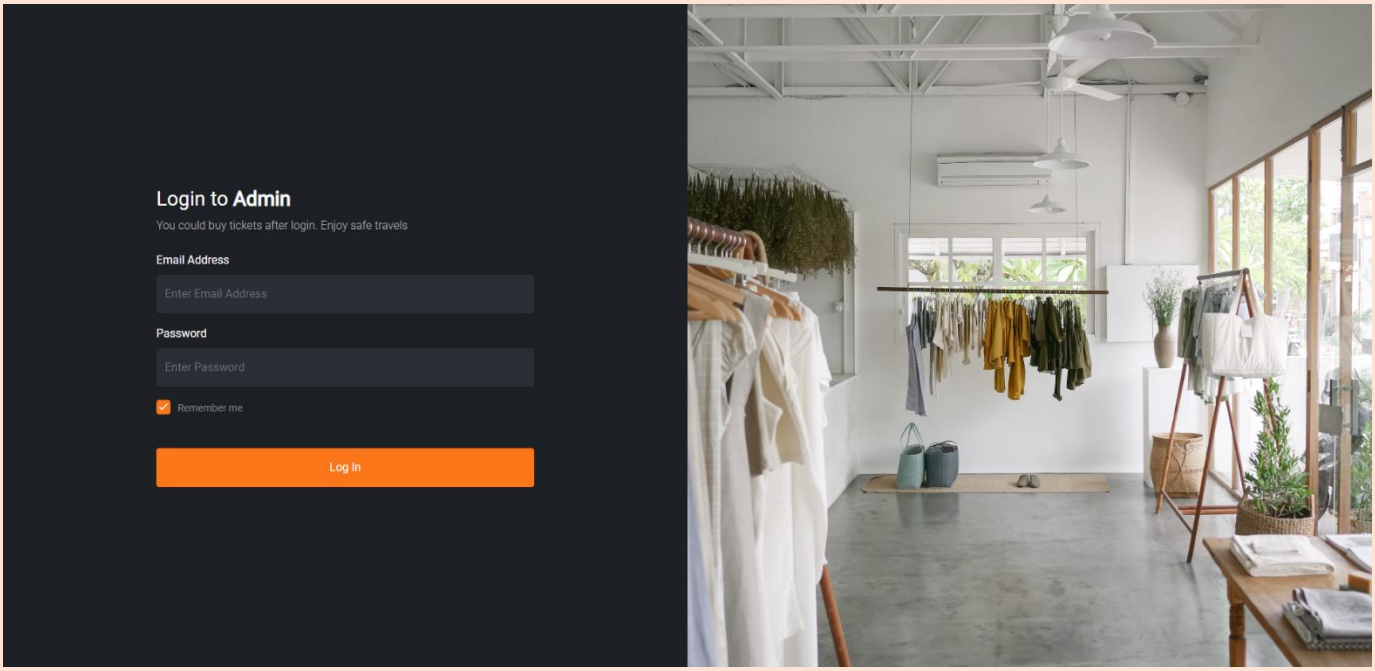


FIGURE 5

BREAK

ADMIN DASHBOARD



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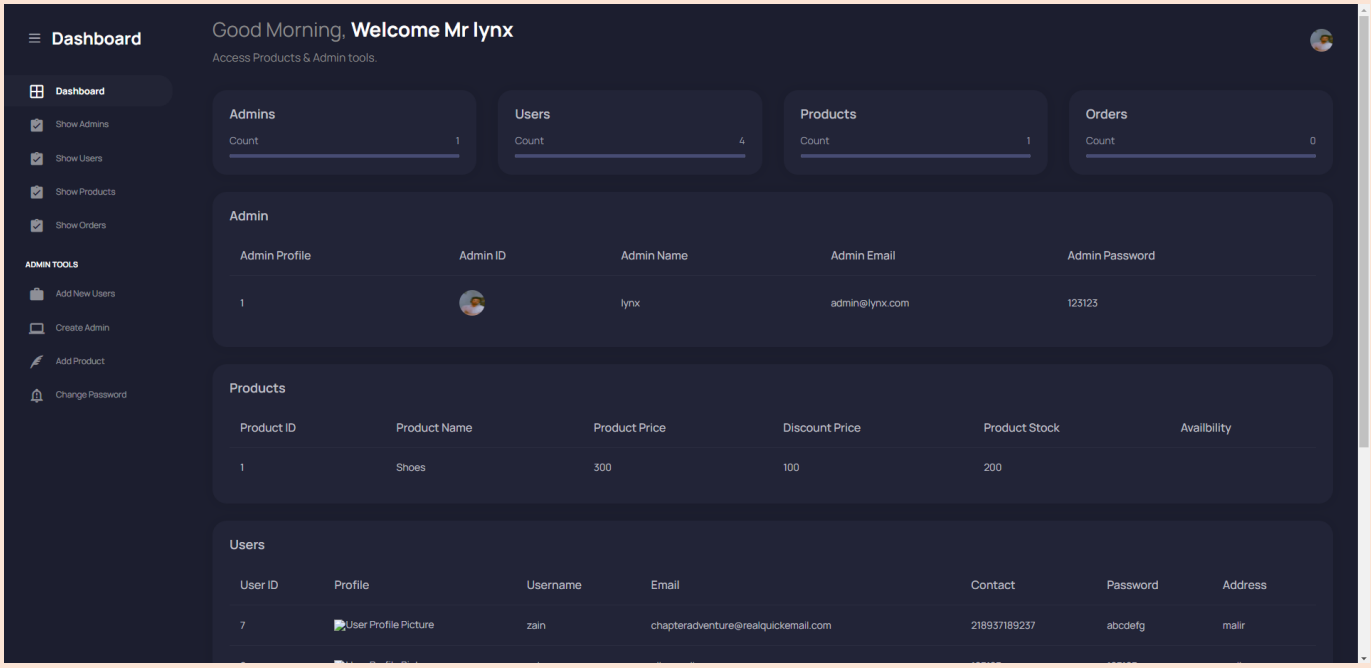
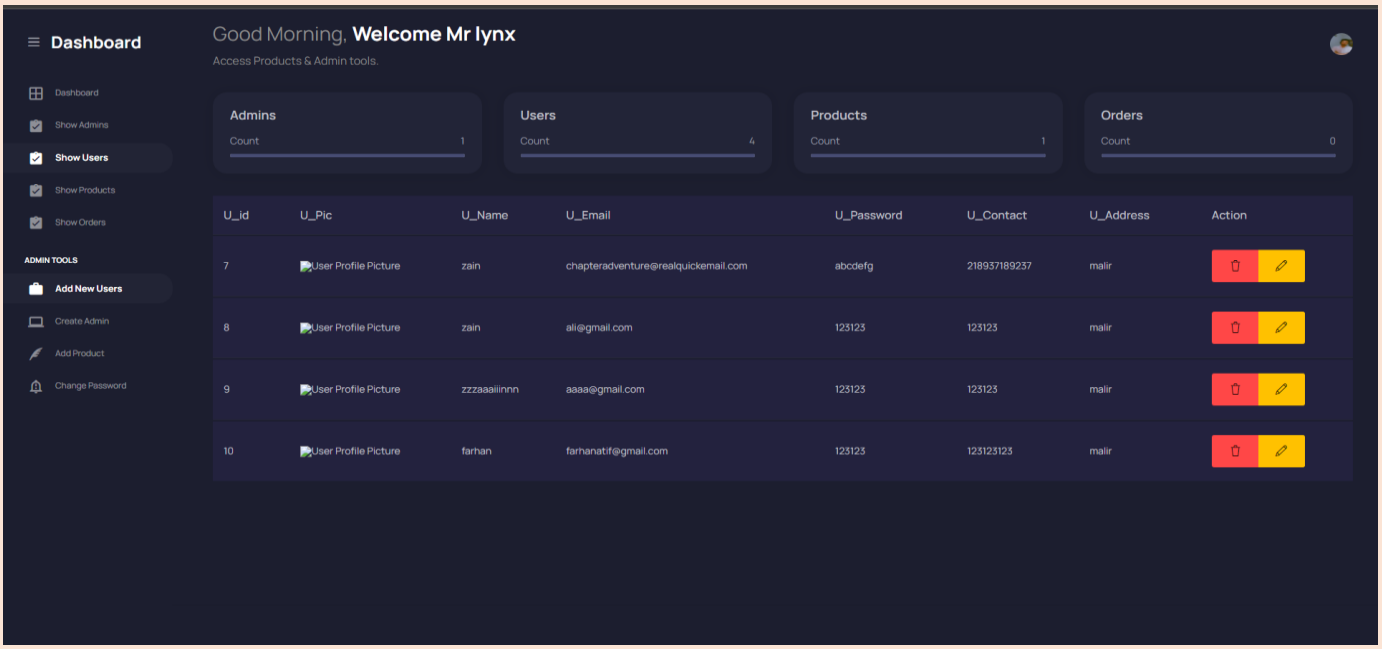


FIGURE 2

USER MANAGEMENT THROUGH ADMIN DASHBOARD



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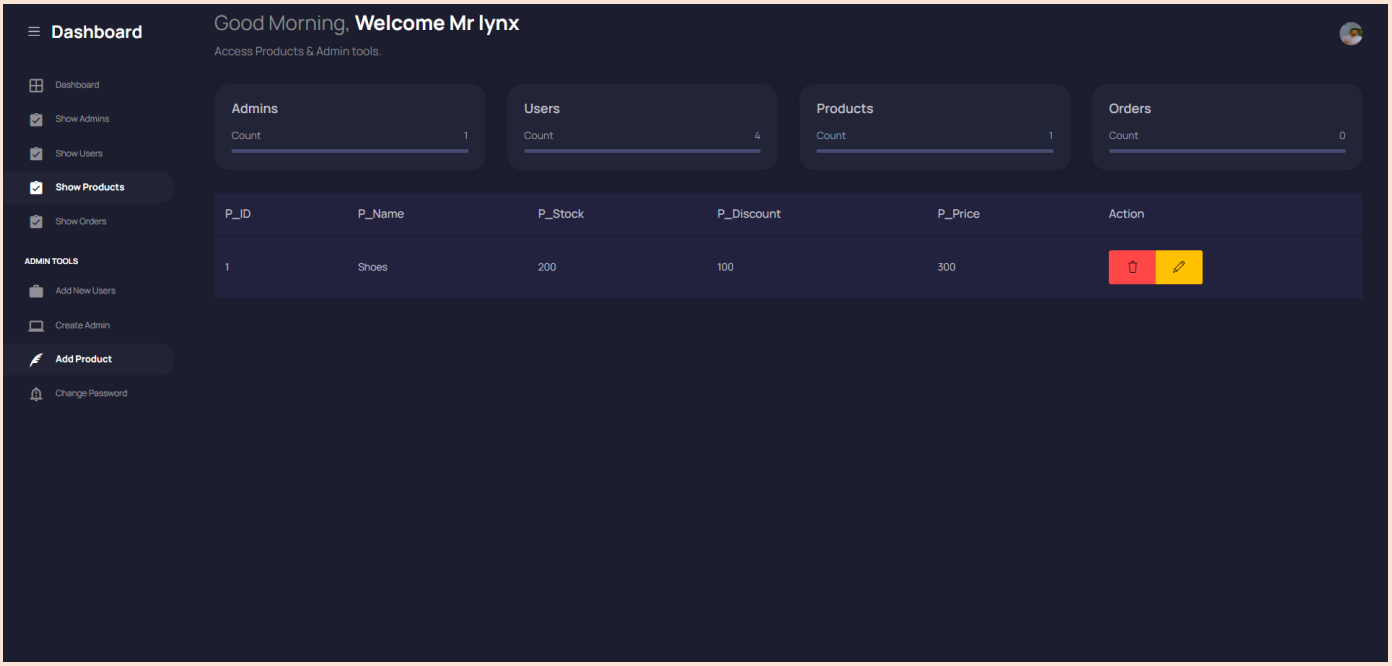

FIGURE 4

FINAL TASKSHEET

DESIGNING	✓
DEVELOPMENT	✓
RESPONSIVE BUILD	✓
DEPLOY	✓

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DOCUMENTATION - ALIYAN ASLAM

Thanks to Aptech Metro StarGate
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