SwapYE

A Project Submitted in Fulfillment the Practical

Part of

Software and Development Course

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1. Introduction

1.1 Overview

The SwapYE website is a project aimed at facilitating and promoting the process of commercial trade among individuals in Yemen. The commercial trade is considered an essential part of Yemeni traditions and culture, and it can be a solution to the economic crises facing Yemen. Our website provides unique services that allow users to easily exchange and sale any valuables they have.

1.2 Purpose

The aim of our website is to provide a safe and efficient platform for individuals to exchange or sell their goods. We recognize that many people possess goods that they no longer need or want, but that are still valuable and could be of use to someone else. By offering a secure platform for these exchanges, we hope to promote sustainable consumption and reduce waste by giving goods a new owner. It can be said that the topic of commercial trade is of particular importance in Yemen, where exchange between people is an essential part of Yemeni traditions and culture. With the worsening economic crises in Yemen, exchange of goods has become one of the important solutions that people can resort to in order to meet their needs. In this context, the SwapYE website offers an im
portant solution for people in Yemen, where they can use it to exchange goods and services easily and safely, and thus effectively meet their needs.

1.3 Objectives

1. To provide a user-friendly platform for individuals to swap and seal valuable items.
2. To promote sustainable consumption by encouraging the exchange of items.
3. To provide a secure and safe environment for individuals to conduct transactions.
4. To reduce waste by giving items a new life through exchange and reuse.
5. To build a community of like-minded individuals who value sustainability and responsible consumption.
6. To ensure profitability to make the website sustainable and improve the quality of the services provided.

1.4 Scope & Limitations

1. Scope

   1. Providing exchange and sale services of items and goods between individuals in Yemen.

   2. Creating and regularly updating lists of available items and resources for exchange.

   3. Facilitating the search and browsing process to find desired items.**

   4. Providing a safe and effective means of communicate between individuals.

   5. We don't provide online payment.

2. Limitations

   1. The website is only available in Yemen and does not cover other areas outside Yemen.

   2. Users must bear the responsibility of verifying the accuracy and safety of items being exchanged.

   3. Items that conflict with laws and regulations in Yemen cannot be traded.

   4. Users are prohibited from using the website for any illegal purposes.

   5. The website is only available in Arabic and does not support other languages.

   6. The website may change any of the terms and boundaries at any time based on changes in the project environment or surrounding circumstances.

2. Project Design

2.1 Tools

1. HTML 5
2. CSS 3
3. JAVA SCRIPT
4. BOOTSTRAP 5.2
5. Swiper
6. Glightbox
7. jQuery
8. Visual Studio
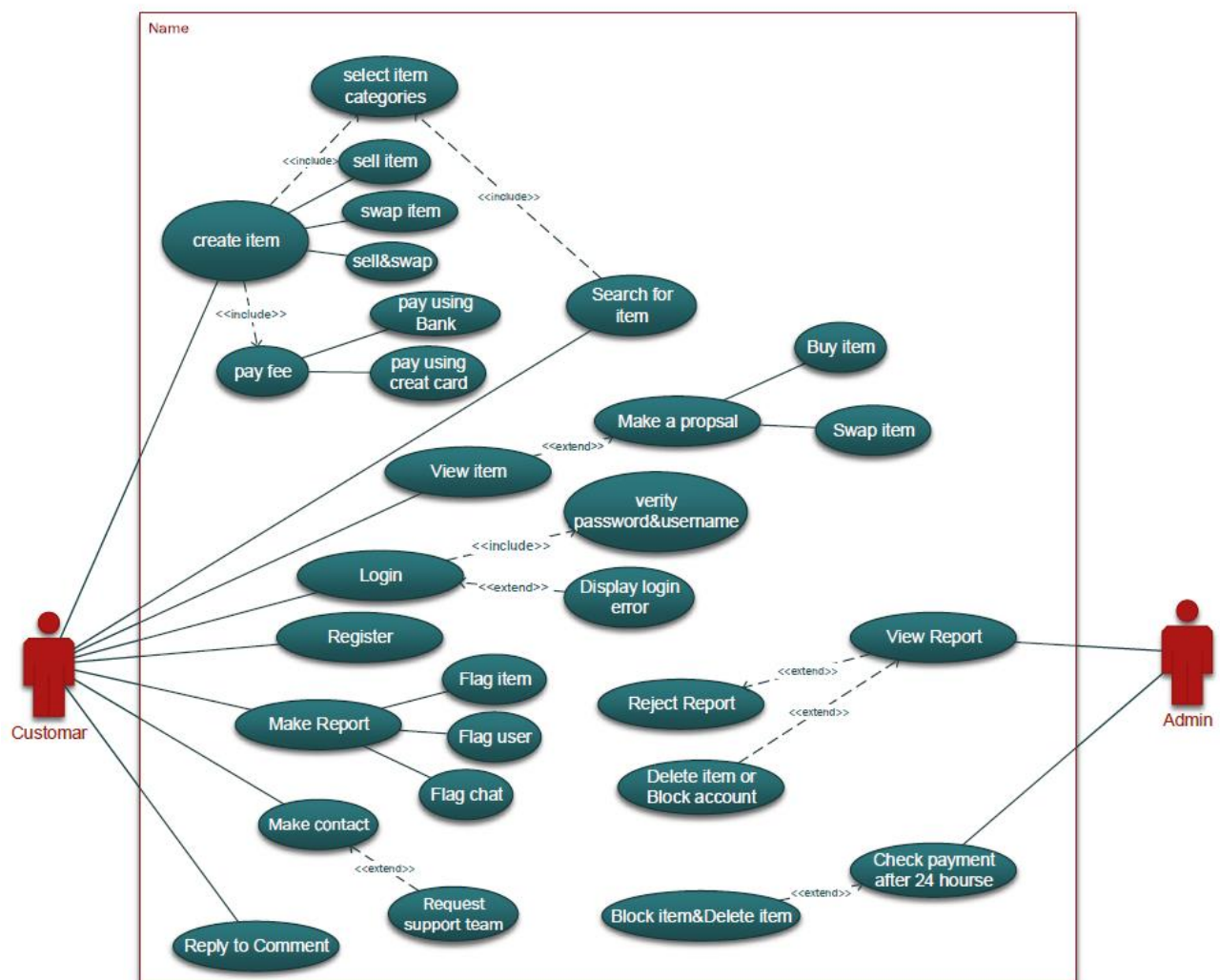9. SQL Server

2.2 Use Case diagram
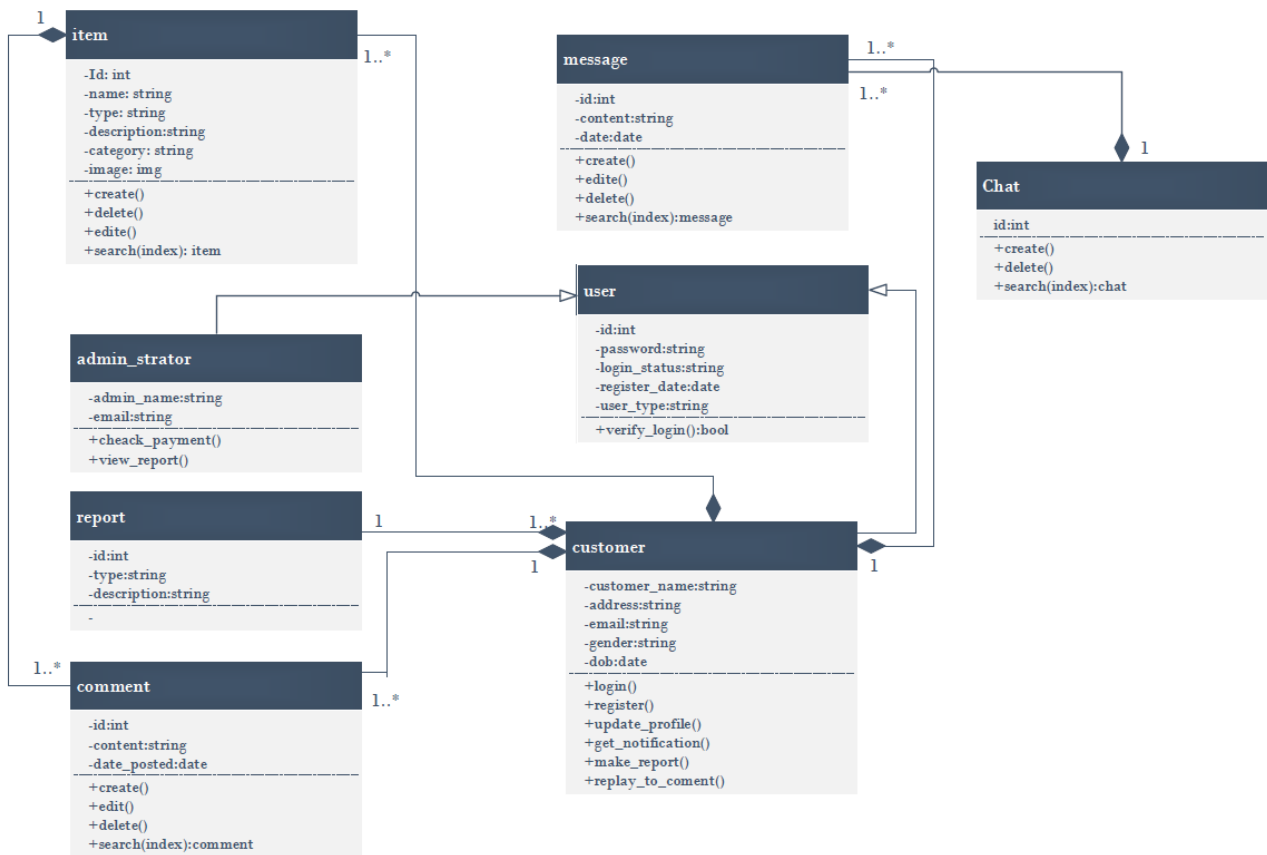

Figure 1 : Use Case diagram

2.3 Class diagram

Figure 2 : Class diagram
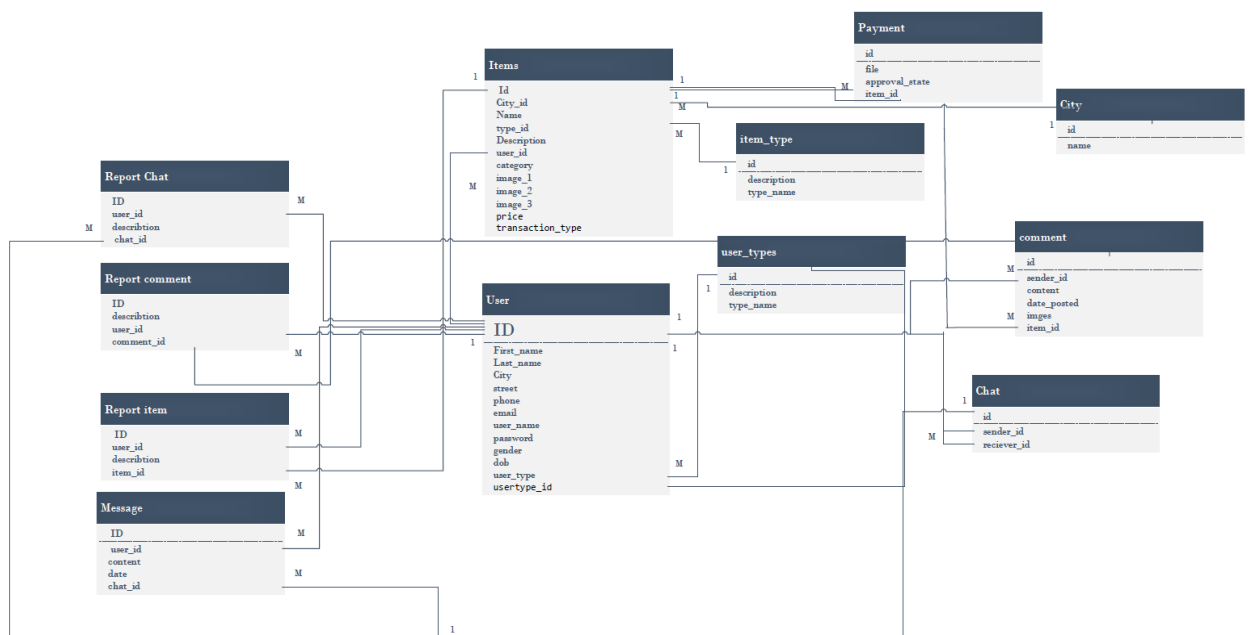
2.4 Database diagram

Figure 3 : Database diagram

3. User Guide

User Guide: How to Use Our Website SwapYE.

Step 1: Sign Up or Log In

To use our website, you must first sign up or log in to be able to list your item and leave comment or you can just browse listings without sign up or log in. If you are a new user, click on the "Sign Up" button and fill out the registration form with your details. If you are an existing user, simply click on the "Log In" button and enter your username and password to log in.

Step 2: List Your Item

Once you are logged in, you can list the item that you want to swap or seal. To do this, click on the "Add Item" button and provide a description of the item, along with any photos or relevant details. You can also set the terms of the exchange, such as the value of the item or the state of the item if its new or old and other details of the item and you must submit the payment invoice when adding your item, the details off the payment will be provided on the website.

Step 3: Browse Listings

Next, browse through the listings of other users to find items that you are interested in swapping or buying. You can use the search function to find what you want.

Step 4: Initiate an Exchange

If you find an item that you are interested in, you can initiate an exchange with the other user. To do this, simply click the item details in the home page and will be able to leave proposals and add photo and description of your item in the comment section and price of you want to buy the item then the if the item owner want to exchange or seal there item they will communicate with you in the chat section. You can negotiate the terms of the exchange with the other user and agree on a mutually beneficial arrangement in the chat.

Step 5: Seal the Deal

Once you have agreed on the terms of the exchange or the sale, you can "seal the deal" with the item owner in the chat section.

In summary, our website makes it easy and convenient for individuals to swap and seal valuable items in a secure and sustainable way. By following these simple steps, you can participate in our community and help reduce waste while giving items a new life.
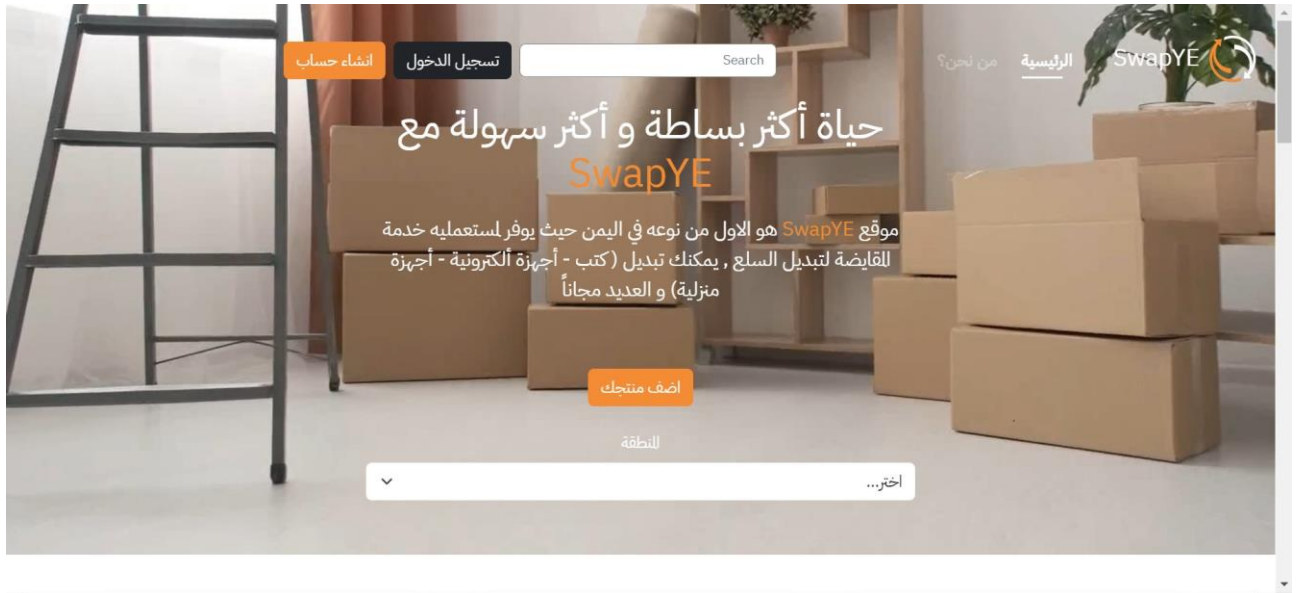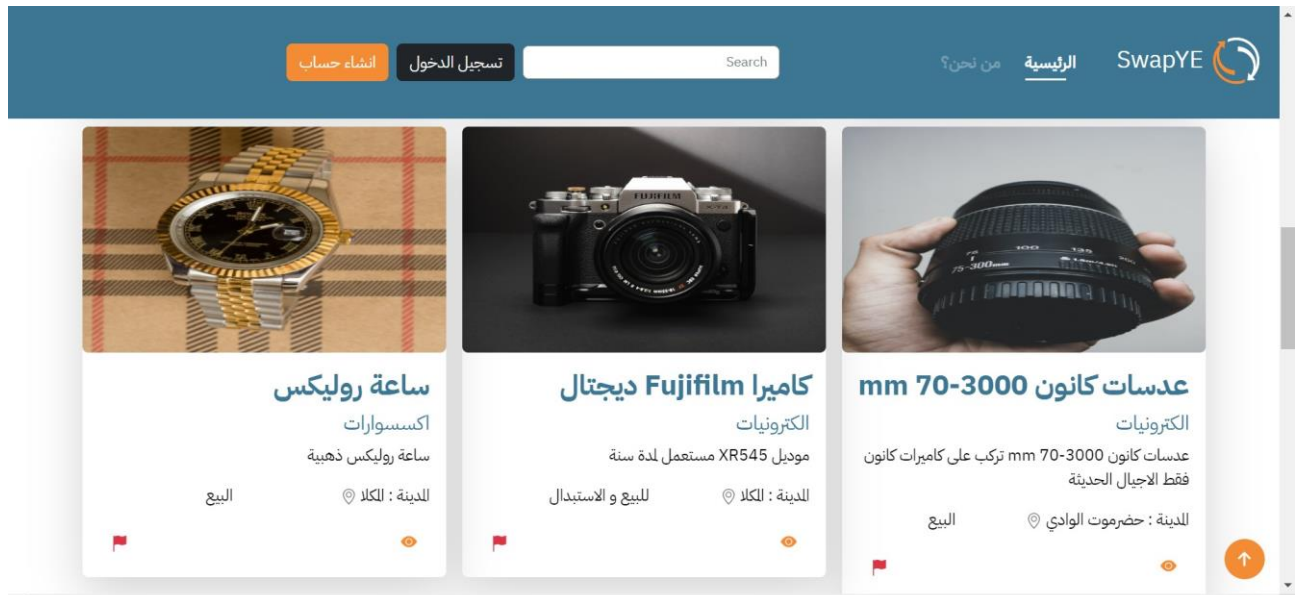
Figure 4 : Home Page

Figure 4.1 : Home Page

Figure 5 : Footer

Figure 6 : Profile

Figure 6.1 : Profile
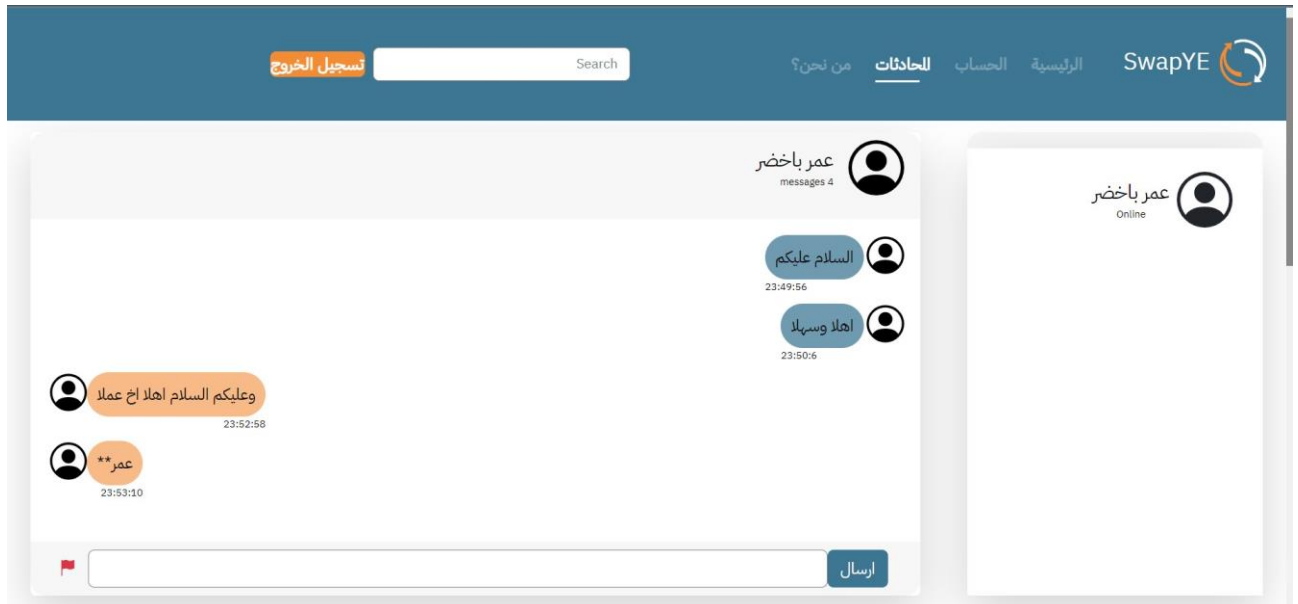

Figure 7 : Log in

Figure 8 : Sign up
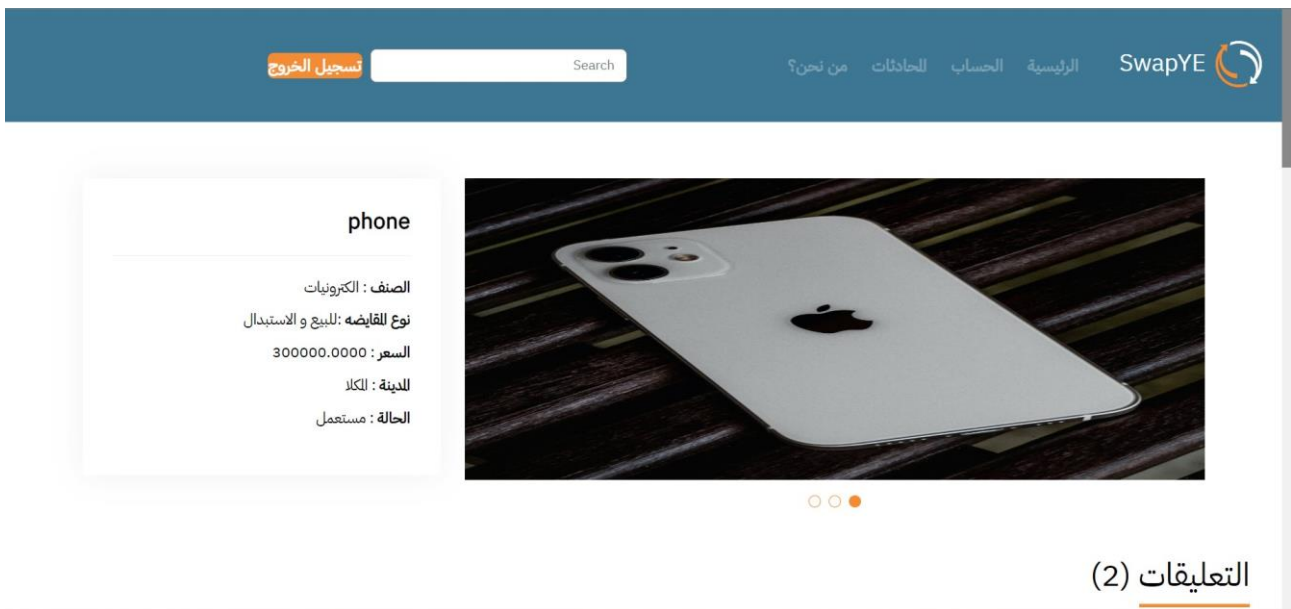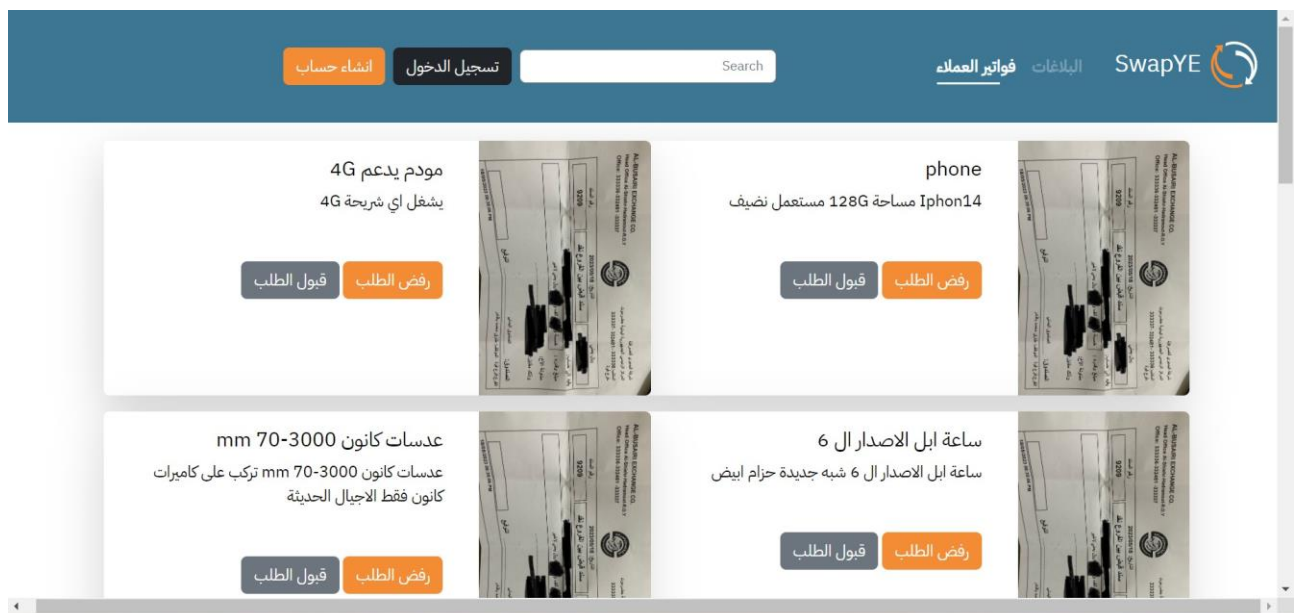

Figure 9 : Chat

Figure 10 : About Us

Figure 11 : Product Details

Figure 12 : Payment
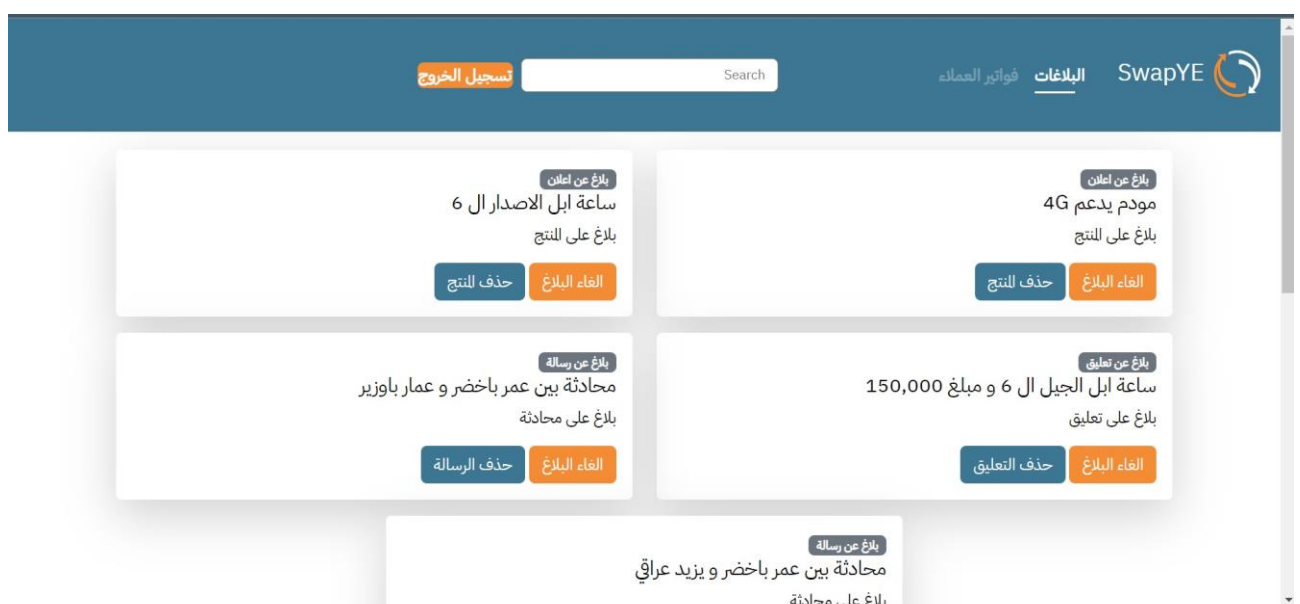

Figure 13 : Report