

Online clothes shopping

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Introduction

This project is a web based shopping system for a shop. The objective of our project is to design and implement a shopping website to make it easier for people to buy our brand. The system will enable the users to setup online fashion shops (garments, accessories etc.), customer to browse through the shop and purchase them online without having to visit the shop physically.

Green the requirement that already implemented

Yellow the requirement that we want to implement

Requirements

Functional requirements:

1- The system shall allow the user to sign up.

2- The system shall allow the user to logout.

3- The system shall allow the user to login.

4- the system shall allow the user to Secure registration and profile management facilities for Customers

5- The Admin shall be able to upload new/revised items as well as to add/modify the categories.

6- the system shall provide Regular updates to registered customers of the e-store about new arrivals.

7- the system shall allow the user Browsing through the e-store to see the items that are there in each category of products.

8- the system shall allow the user to Adequate searching mechanisms for easy and quick access to particular products and services.

9- the system shall allow the user to create a Shopping cart so that customers can shop 'n' no. of items and checkout finally with the entire shopping carts. Customers can add or delete items in the cart.

10-the system shall allow Uploading 'Most Purchased' Items in each category of products in the Shop.

11-the system shall provide Maintaining database of regular customers of different needs.

12-the system shall allow the user know who are responsible for internal affairs like processing orders, assure home delivery, getting customer's delivery-time feedback, updating order's status and answering client's queries online

13-the system shall allow the user to give Feedback mechanism, so that customers can give feedback for the product or service which they have purchased. Also facility rating of individual products by relevant customers.

Non-functional requirements:

1- The system must guarantee that costumers' sensitive data is transmitted securely.

2- The system shall be available 24 hours /7 days .

3-the system response time should be at most 5 seconds.

4-the system should be back online in 20 minutes.

5- The system should be sufficiently fast to accommodate various internet connection speeds.

6- The system shall be not in failure mode more than 20 minute per month.

7- The system shall be available in Arabic and English.

8- The system shall take 1500 requests per minute

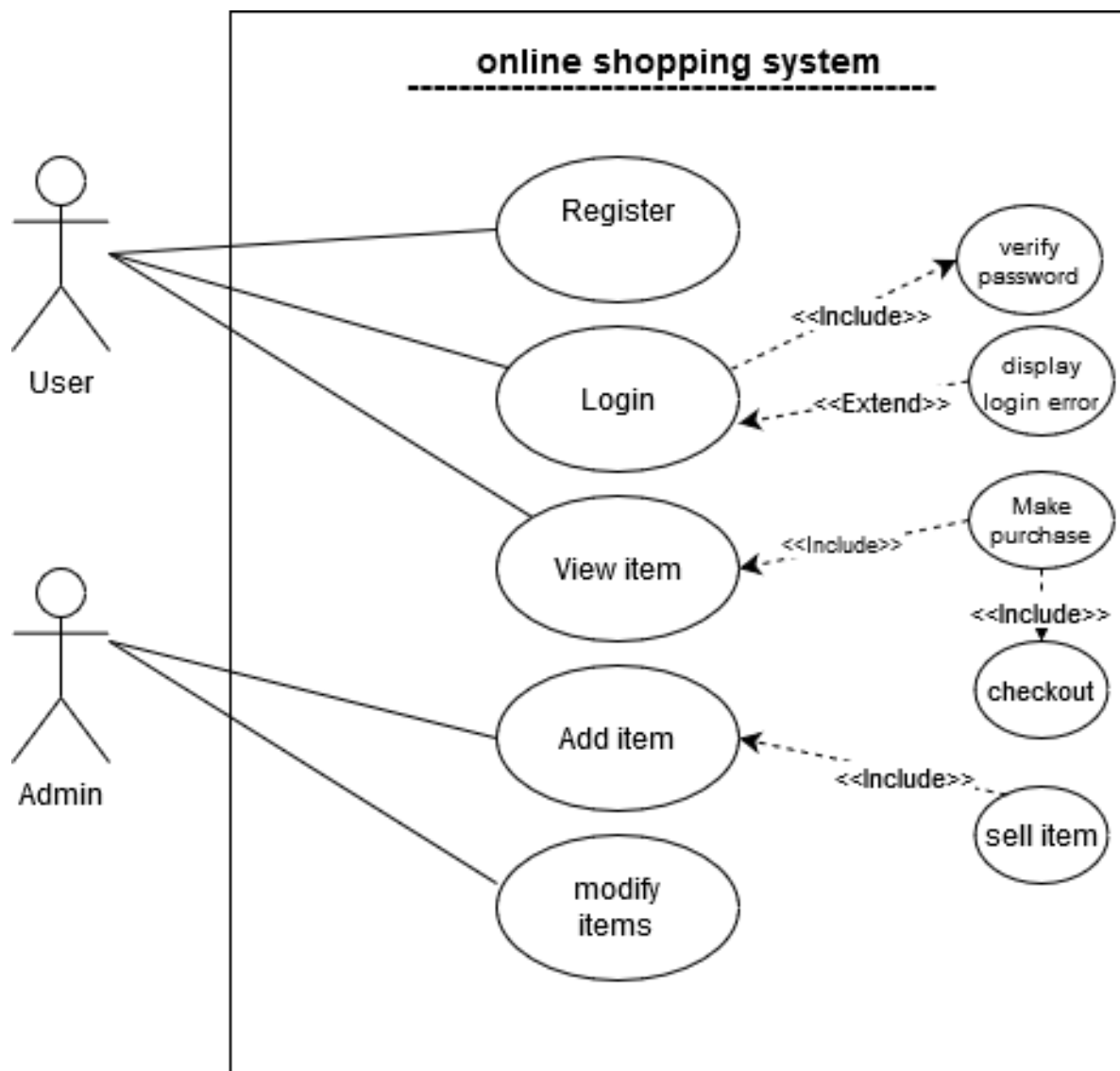
9- -The system should be easy to use after 2 hours of training.

10- the system should not allow non-registered user to view products.

11- The system should be able to handle multiple transactions concurrently..

12- The system must be easy to use and compatible with major web browsers.

Use-case diagram

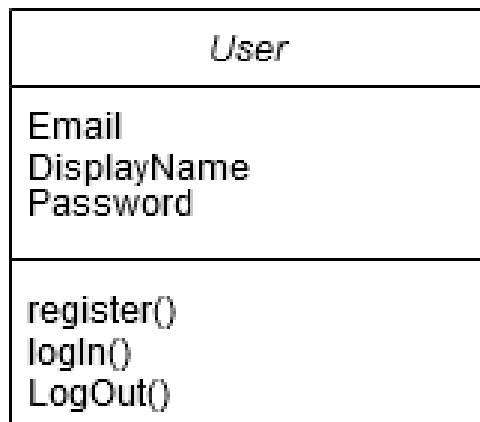


Use case description:

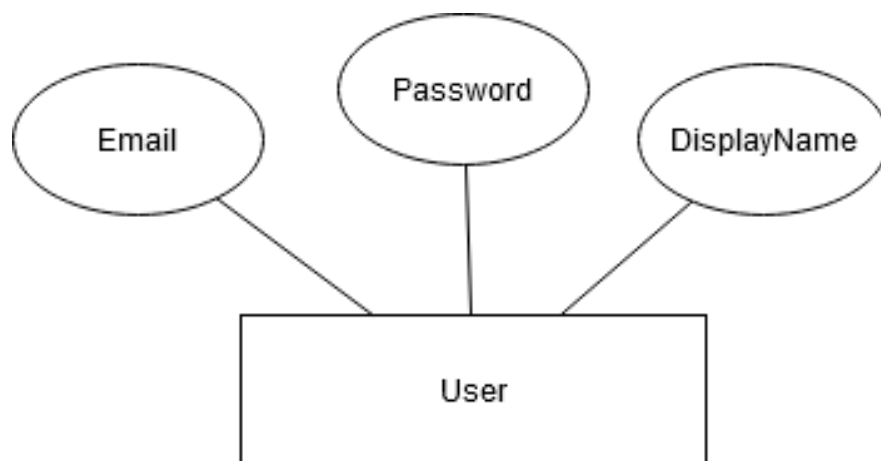
Title	Sign in
Description	This use case should clarify the way the user signs in his account.
Primary actor	The user
Preconditions	The user should have an internet connection. The user should already have an account.
Postconditions	The sign-in process results in success.
Main success scenario	<ol style="list-style-type: none">1. The user opens up the application.2. The user chooses the sign-in option.3. The system opens the “sign-in” page.4. The user provides his username.5. The user provides his password.6. The system checks the authenticity of the user’s access information.7. The systems prompt the result of the check process to the user.
Extensions	<ol style="list-style-type: none">7.1 the user provides correct access information.7.2 the user provides wrong access information.7.3 The systems prompt the result of the check process to the user.
Frequency of use	Always
Priority	High priority

Title	Sign up
Description	This use case should clarify the way the user creates his account
Primary actor	The user
Preconditions	The user should have an internet connection The user should have an email
Postconditions	The sign-up process results in success.
Main success scenario	<ol style="list-style-type: none"> 1. The user opens up the application. 2. The user chooses the sign-up option. 3. The system opens the sign-up page. 4. The user provides his desired username. 5. The user provides his desired password. 6. The systems prompt the result of the process to the user.
Extensions	<ol style="list-style-type: none"> 6.1. The user provides the correct username 6.2. The user provides an incorrect username 6.3. The systems prompt the result of the check process to the user
Frequency of use	Only once
Priority	High priority

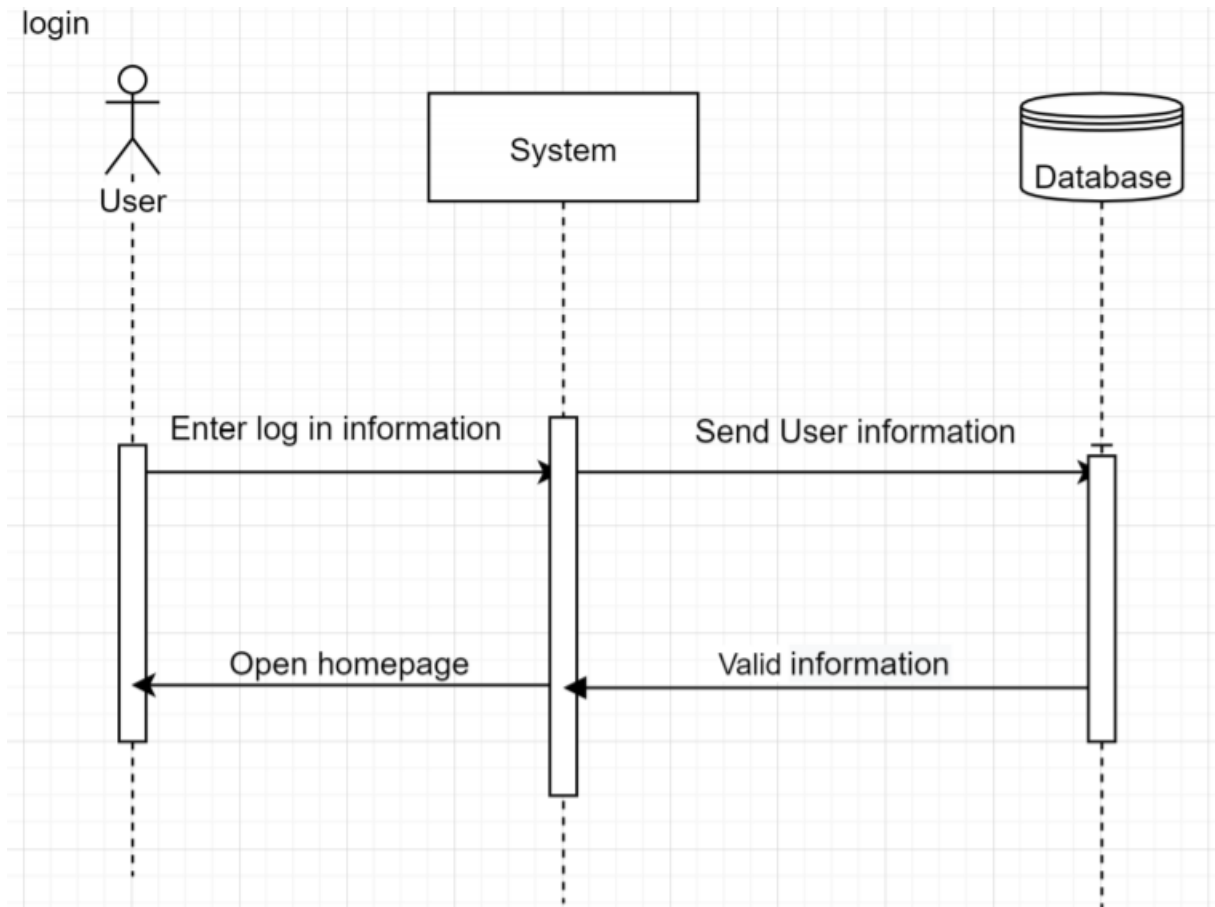
Design class :



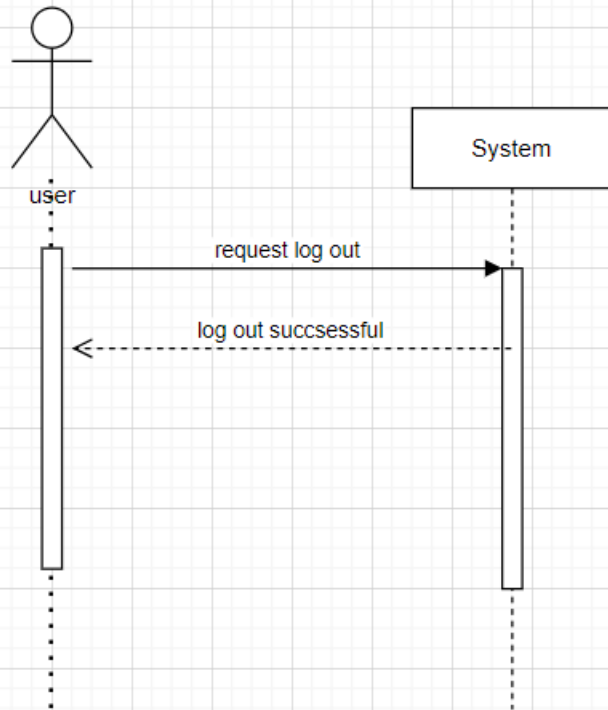
Database schema:



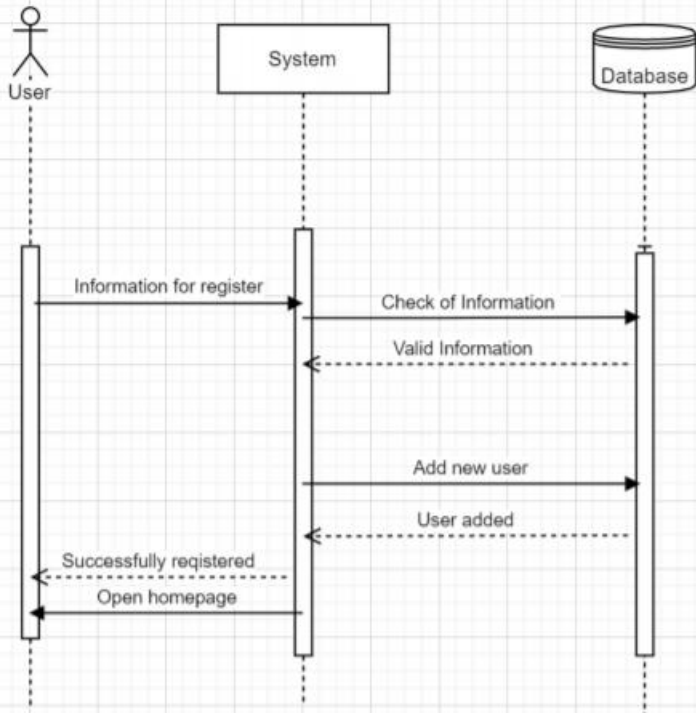
Sequence diagram



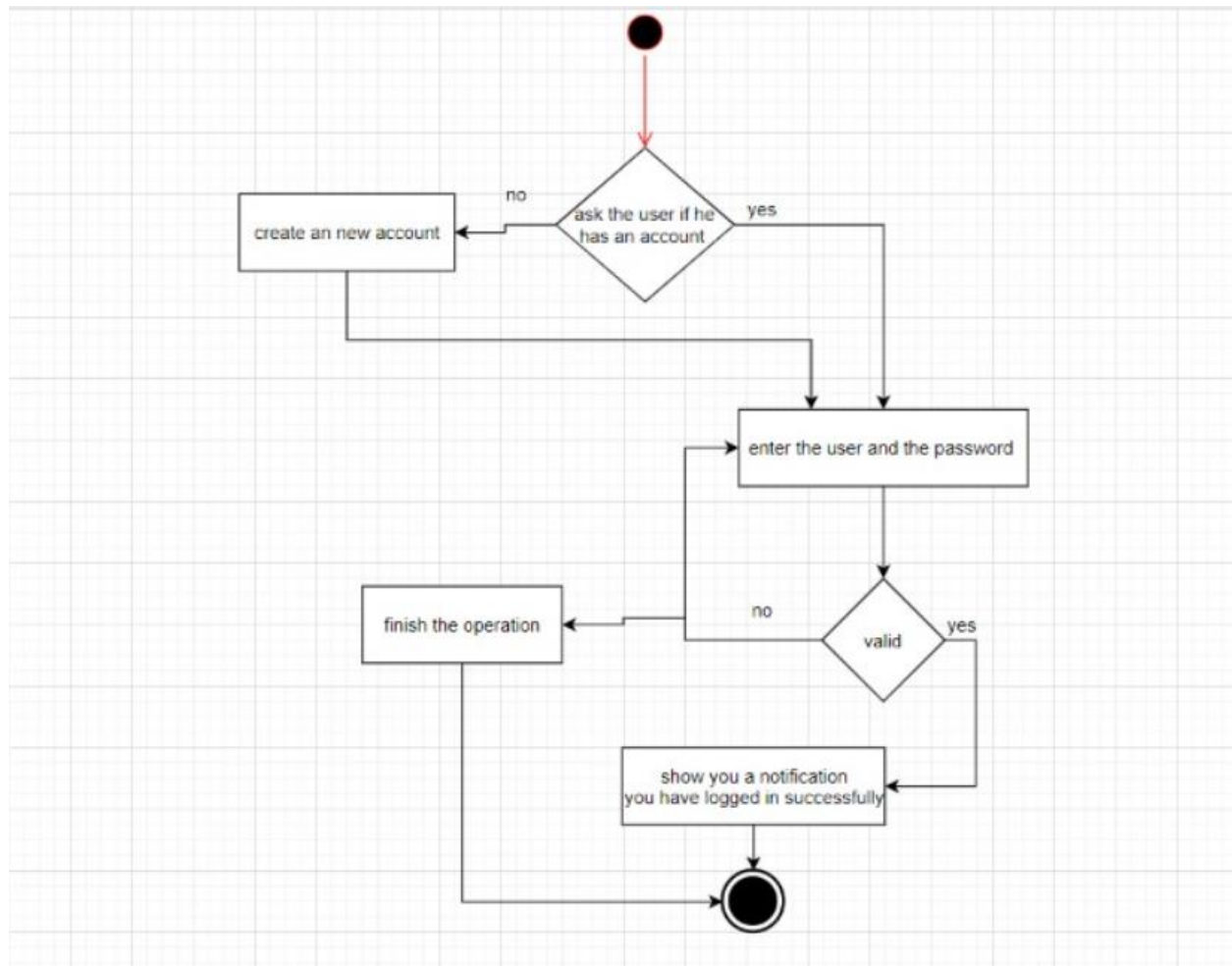
log out



register



Activity Diagram



Admin information:

e-mail : tariqdawod@gmail.com

password: 123123

<http://malek.mshkah.net/>