



EG Fashion

SRS



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Introduction

Executive Summary

EG Fashion is an online platform that gathers fresh fashion designers and upcoming stylists as well as small clothes shops. This platform should allow these startups to exhibit their work and products to be available all around the country. It should offer an easy way for these startups to market their work and make it popular and well-known. EG Fashion can be used by everyone who is interested in shopping or designing their own costumes for big events like weddings, engagements, proms, birthdays, graduations, etc. EG Fashion is the direct easy way for all designers and small shop owners to exhibit their products for everyone through a simple click.

Document Overview

This document introduces EG Fashion system description, system functions, system modules, system models and system interface.

References

https://en.wikipedia.org/wiki/Online_shopping

System Description

Introduction

EG-FASHION connects different customers with shop owners and fashion designers easily. Customers can search for different shops and search for what they need from shops' stock or they can search for designers to match their favorite styles. Customers can search for designers by their regions of operation or even search for products by their type. Shops can present their clothes and sort them by size, color, style and number of available pieces. Designers can show their previous designs to attract customers.

Accounts organization

The system offers three types of accounts: customers, shop owners and fashion designers. There is also an option to visit the site as a visitor without the need of an account to view the system features and take the decision to sign up and join the site. Every account has its features and issues in its way.

Searching and filters

Customers can search for shops and designers by searching in a certain region or they can search for clothes directly using filters made by the site and filled by shop owners. These filters include prices, colors, sizes and styles. Searching has a smooth interface for fast usage and better interaction with no time wasting.

Users

- **Shop owners:** Responsible for exhibiting their products on the site.
- **Fashion Designers:** Responsible for exhibiting their designs on the site.
- **Customers:** They visit the website to search and browse for products that matches their interests.

Modules

- **Customers:** A module for customers with sub modules of registered customers and guests (visitors). Customers can search for products/shops/designers and filter different products. They can also give reviews and read others reviews
- **Shop Owners:** A module for shop owners. They can upload pictures of their products, search other shops' products and receive customers' reviews.
- **Fashion Designers:** A module for fashion designers. They can add designs, contact shop owners for business and receive customers' reviews.
- **Sign up module:** A module for signing up as customer, shop owner and designer. Site users must validate role, name, address, mail,.....



System Users

Customers

Customers must have internet access for this service. Customers can search for clothes they need in filters of sizes, categories and colors. They can contact shops or order from website and cash on delivery. Customers can also contact fashion designers and shops, view their products and choose what they like. Customers can review different shops and fashion designers and view others' reviews about them.

Fashion Designers

Fashion designers can advertise for their work and show their different designs. Designers can develop a good idea of the customers' preferences by checking different customers' reviews. Designers can present their work by uploading pictures of their different designs. They can view shops' products and fill the market's needs.

Shop Owners

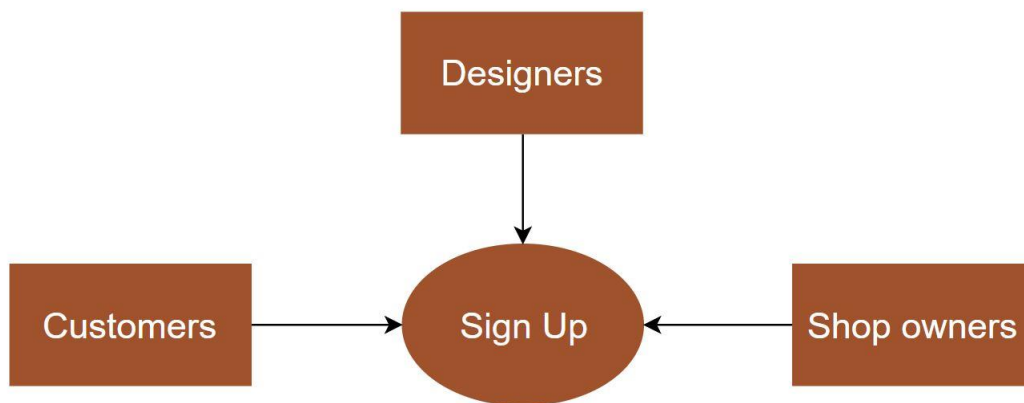
Shop owners can present their products, advertise their offers and announce them quickly. They can view customers' reviews and develop a good idea about the quality of their products as most customers view other customers' reviews and trust them. Shop owners can contact fashion designers for business. They can also view other shops' products and compare different prices of different products.

System Modules

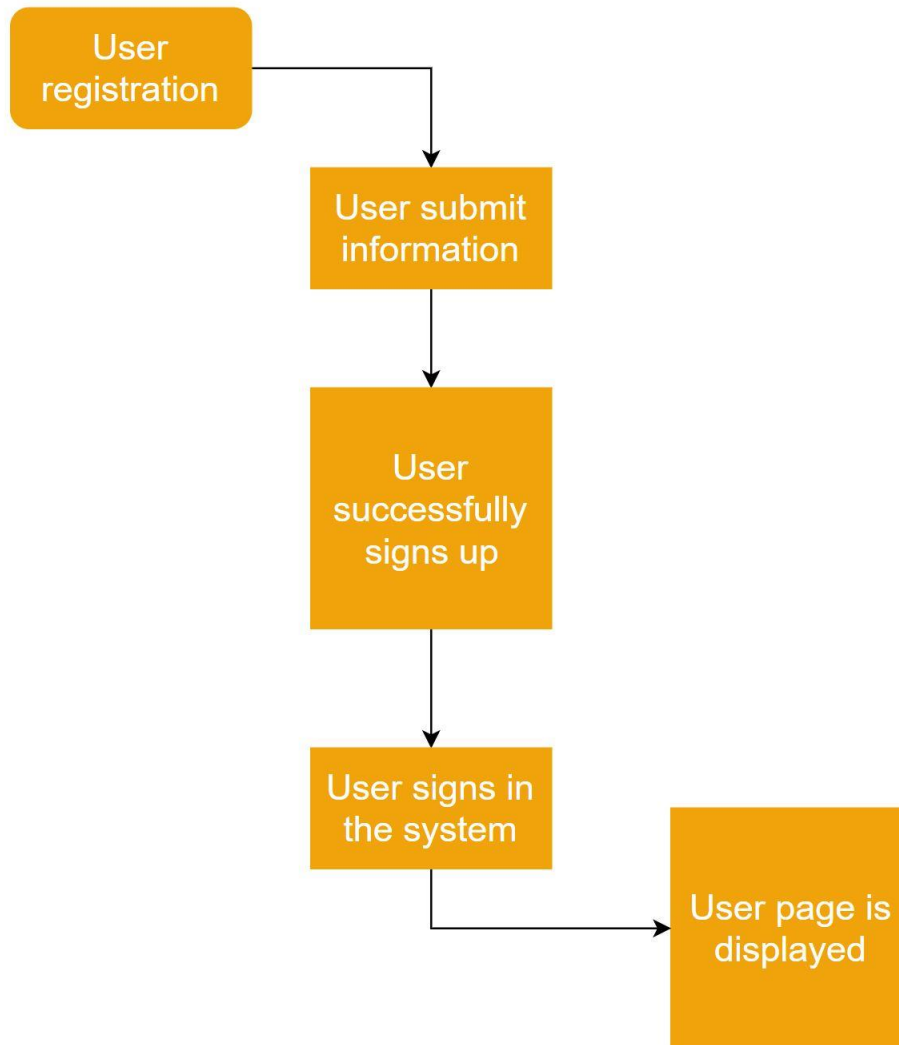
Sign UP Module

This module allows users to sign up and specify their role as customers, shop owners or designers, provide different information as address, e mail and password.

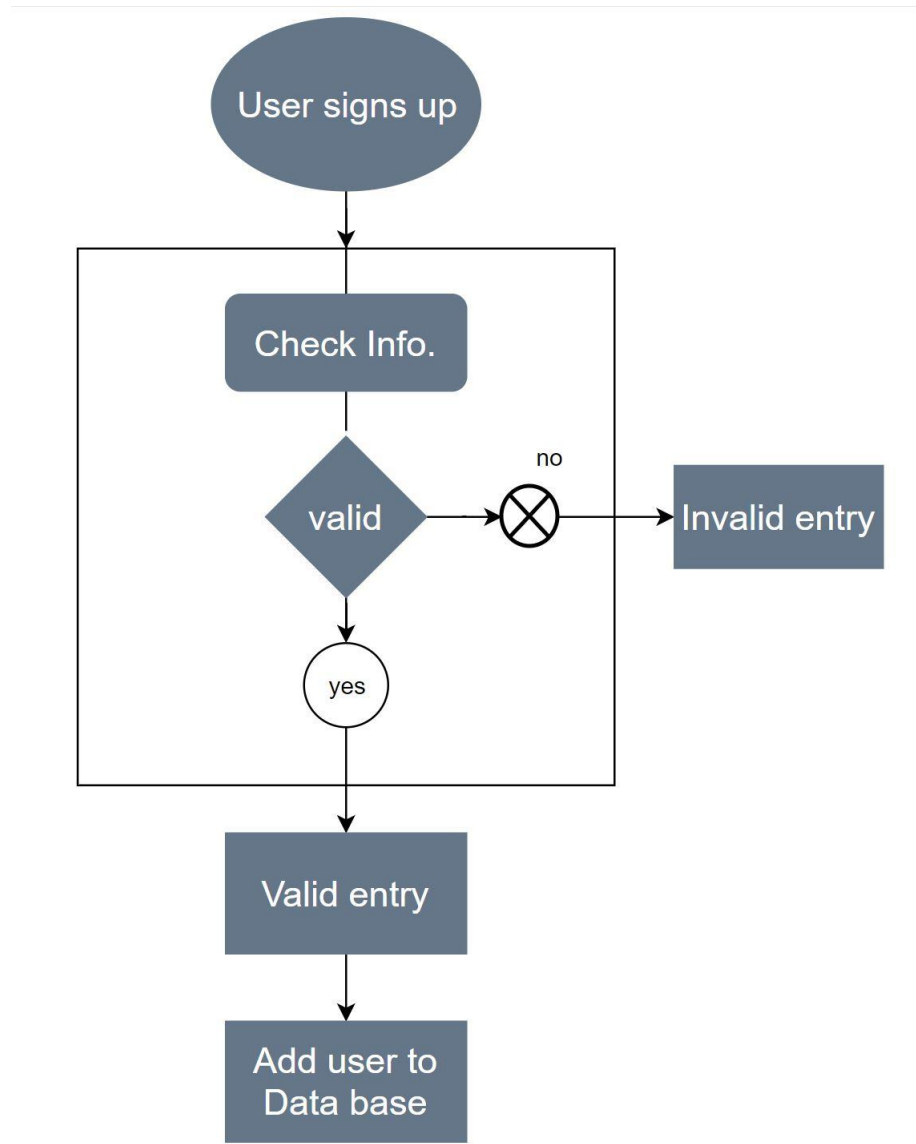
lock Diagram:



Activity Diagram:

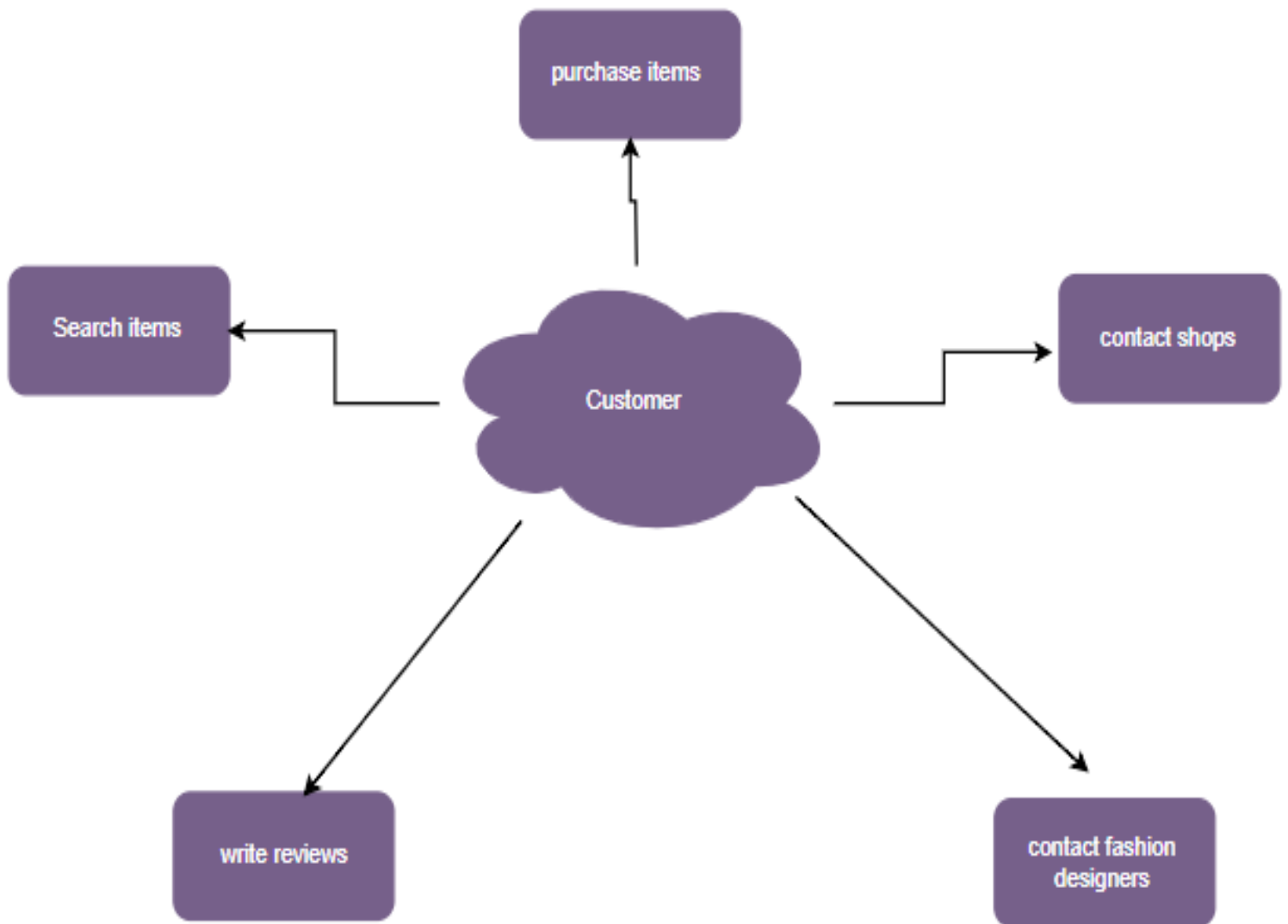


State Machine Diagram:

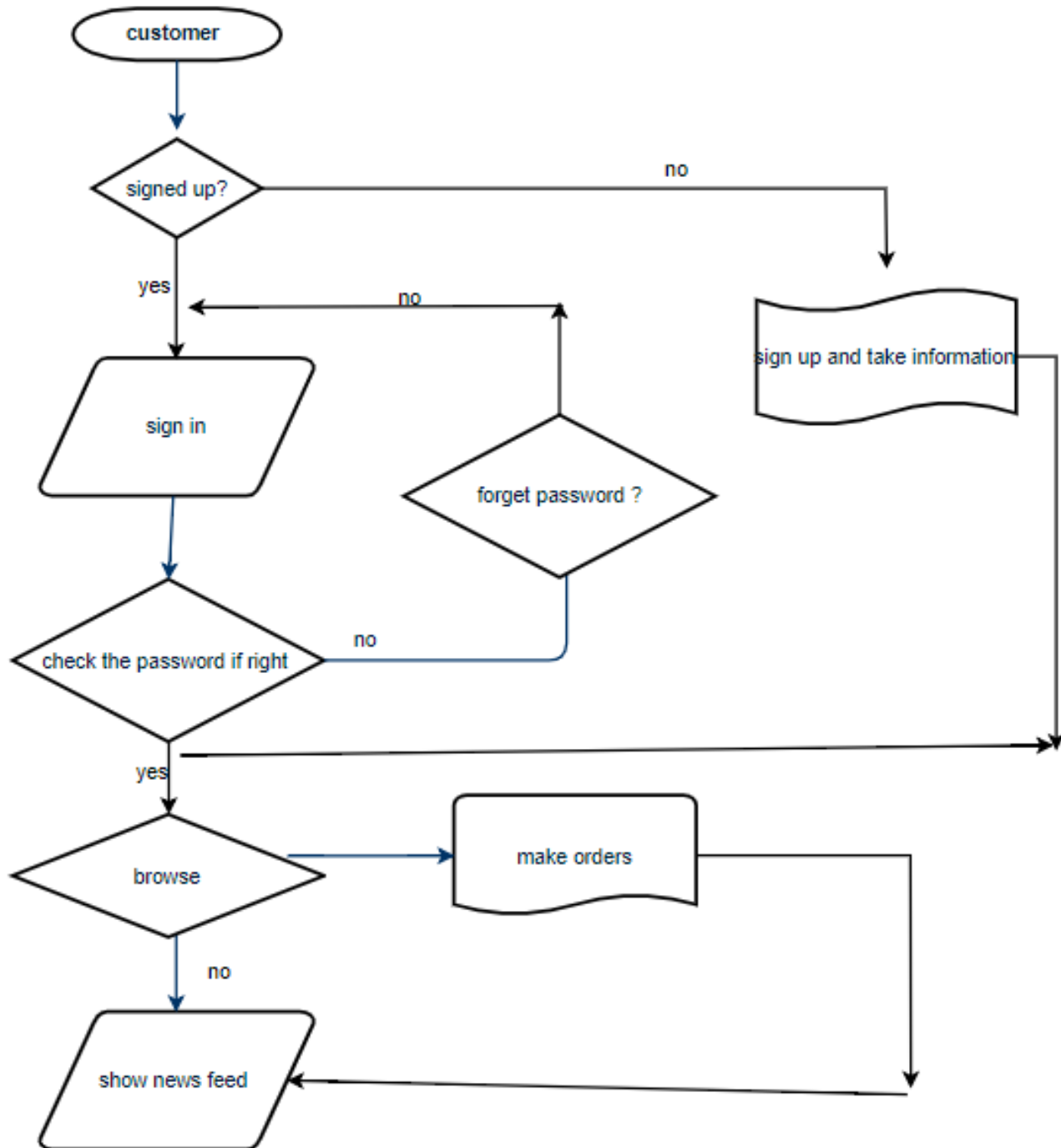


Customers Module

Customers can search for the clothes they need in filters of sizes, categories and colors. They can contact the shop or order from the website and cash on delivery. Customers can contact shops and fashion designers and view their products and choose what they like. They can write their review about any shop or fashion designer and see others' reviews about them.

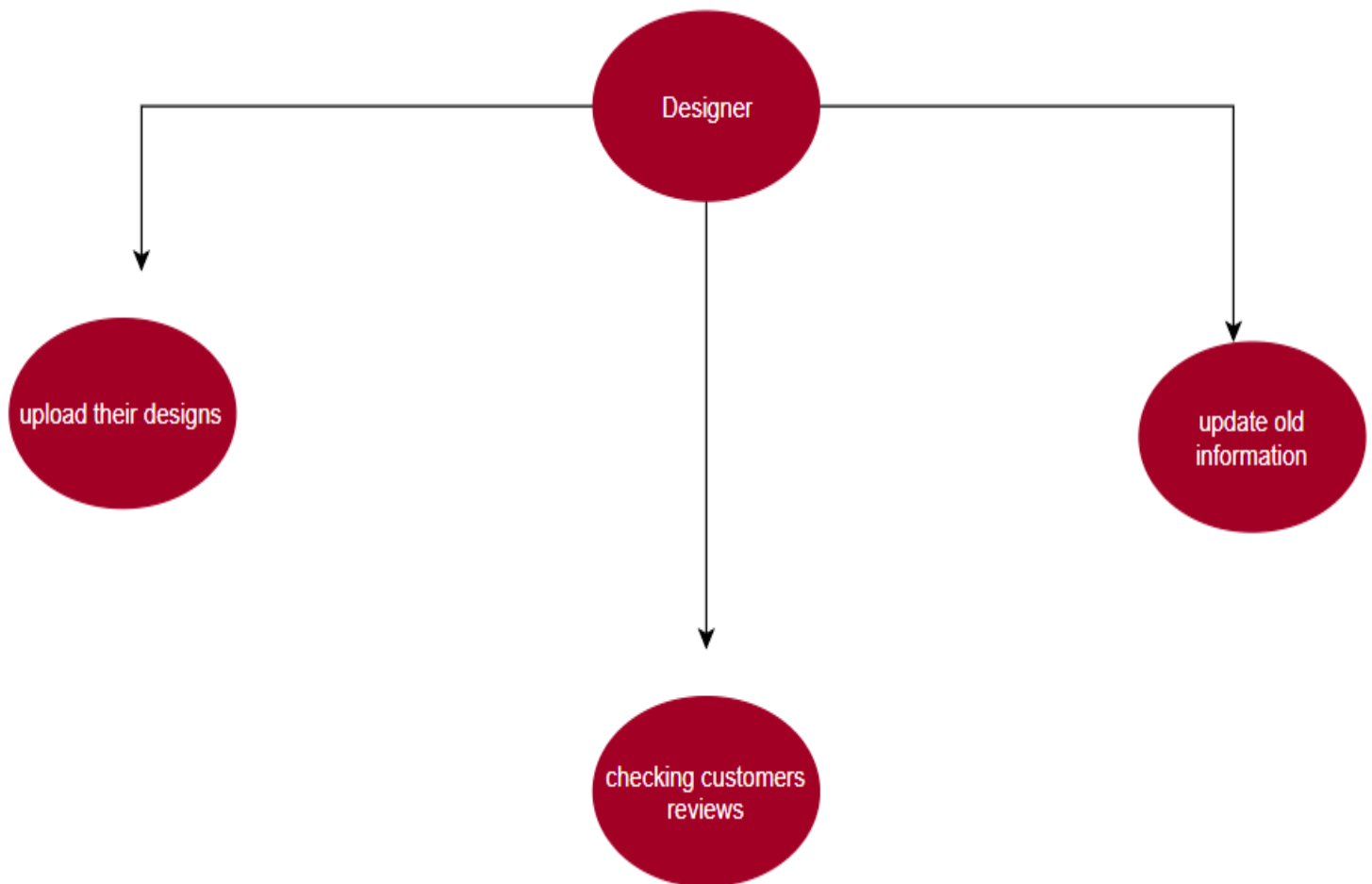


Activity diagram:

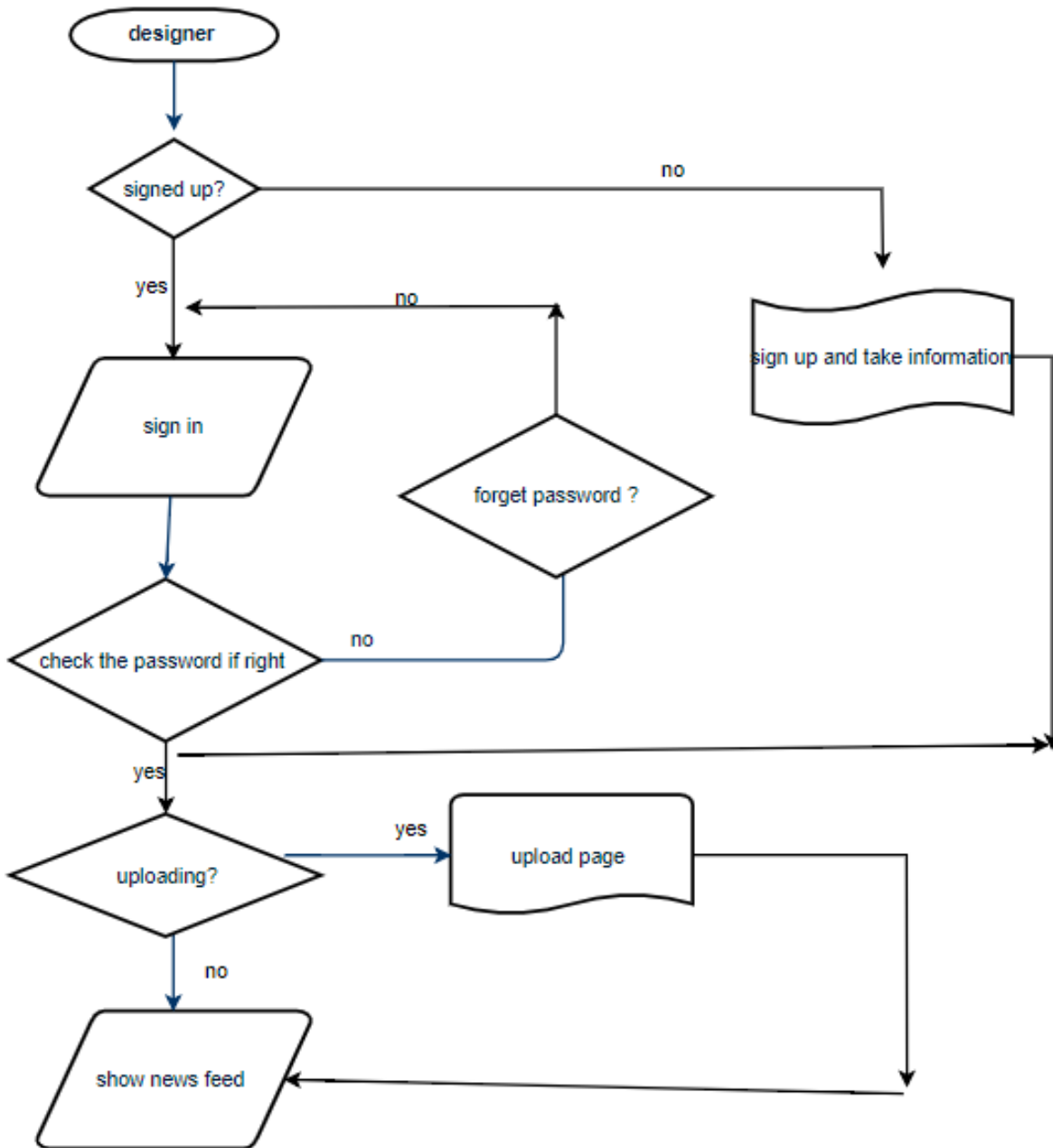


Designers Module

Fashion designers can advertise for their work and show their different designs. Designers can develop a good idea of the customers' preferences by checking different customers' reviews. Designers can present their work by uploading pictures of their different designs. They can view shops' products and fill the market's needs.

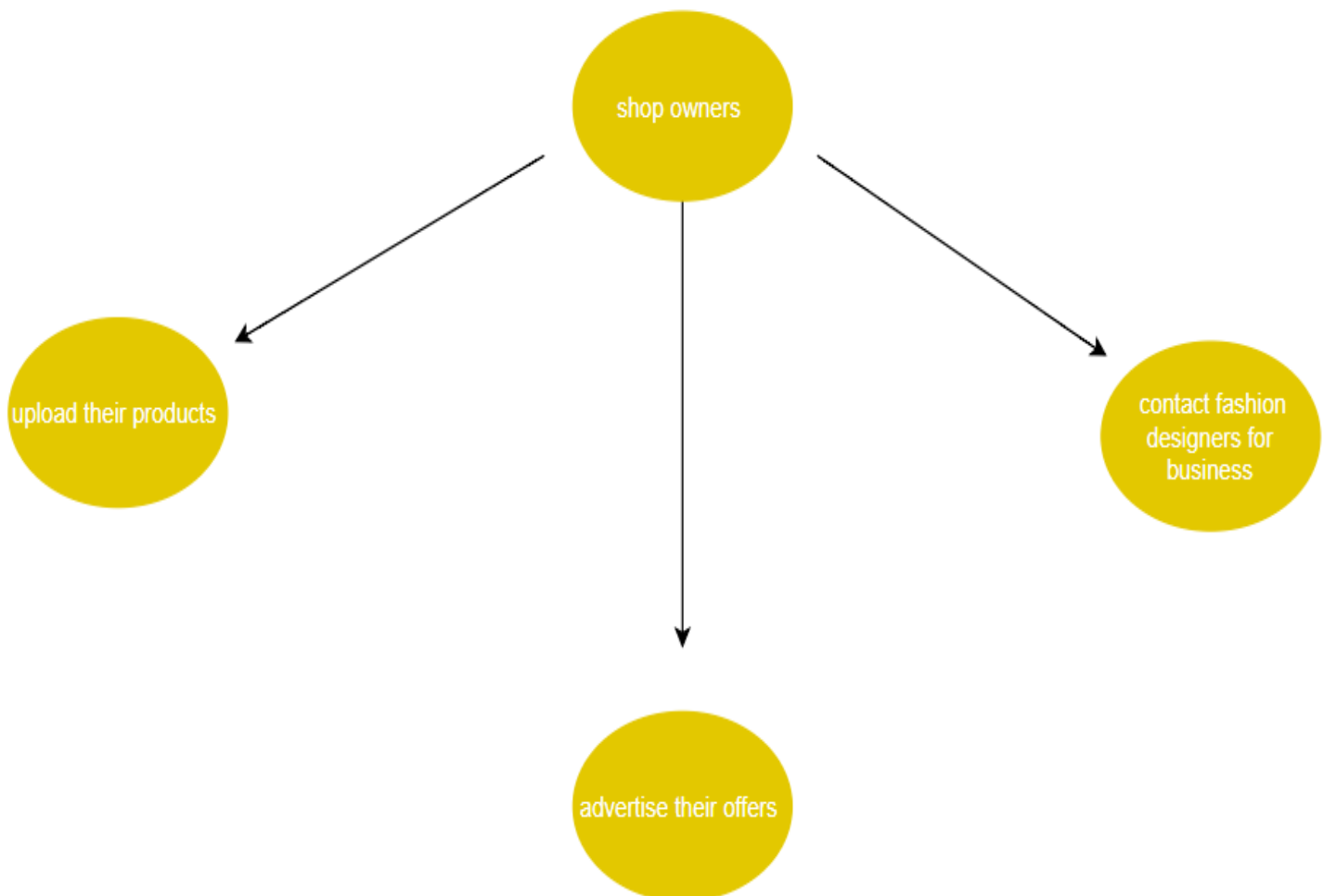


Activity diagram:

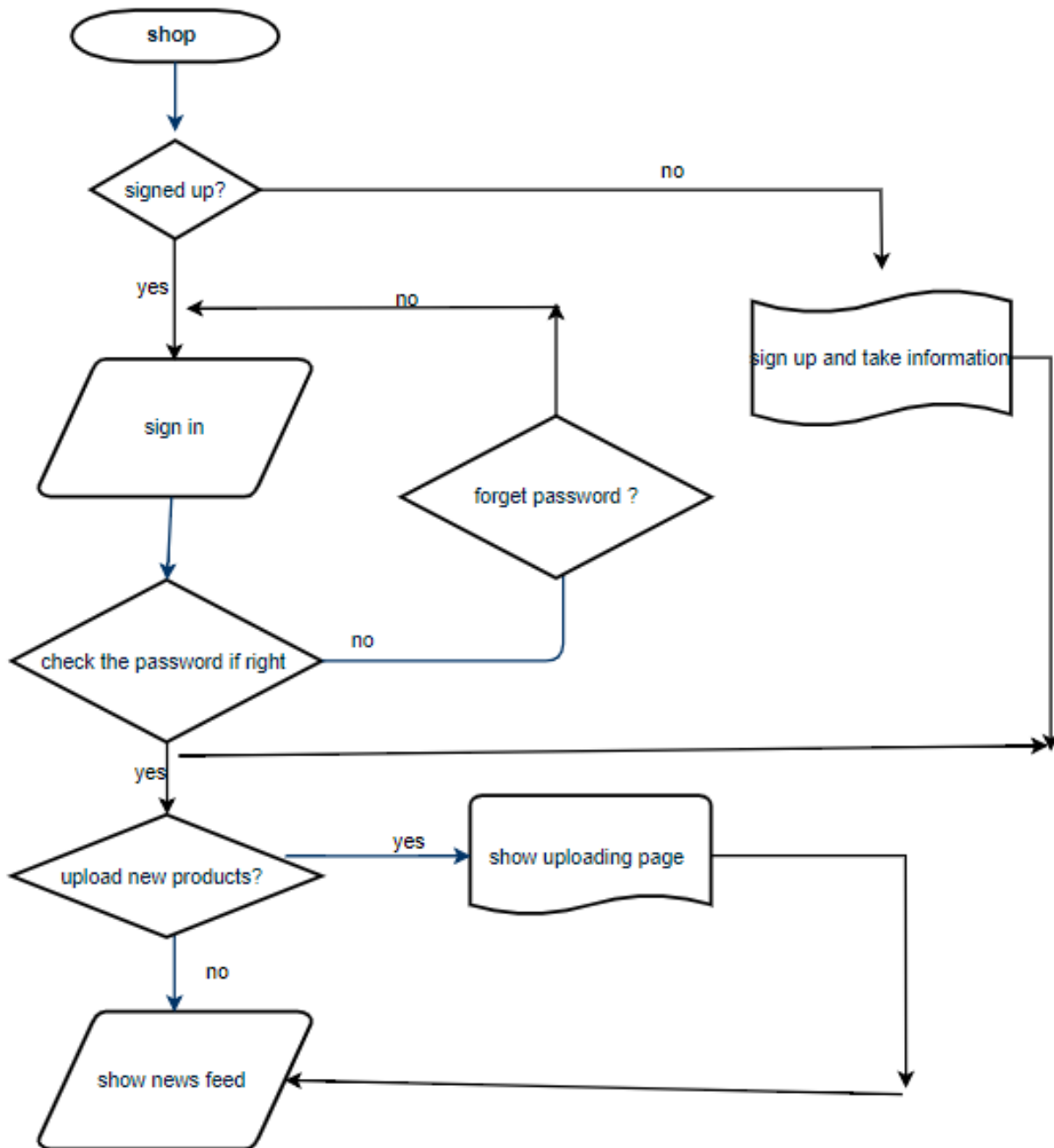


Shop Owners Module

Shop owners can present their products, advertise their offers and announce them quickly. They can view customers' reviews and develop a good idea about the quality of their products as most customers view other customers' reviews and trust them. Shop owners can contact fashion designers for business. They can also view other shops' products and compare different prices of different products.086



Activity diagram:



System Functions

Sign Up Function

Add info function

Description: add user information to database.

Inputs: name, email address, address, password and phone number

Outputs: create user account and save information to database.

Pre-conditions: valid not redundant data.

Post-conditions: saved information cannot be used in more than one account.

Customer Functions

Searching and filtering function

Description: search for different products by parameters of color, size, price, material and dress code.

Inputs: color, size, material and dress code.

Outputs: filtered items results.

Pre-conditions: items availability.

Post-conditions: none.

Making and order function

Description: Ordering one or more items to be purchased and delivered to a particular address.

Inputs: selected items, customer address.

Outputs: confirmation that the process has been successful, the ETA for delivery, the full amount of payment after adding the taxes and delivery cost.

if an error occurred, a warning message that the process wasn't successful should be displayed.

Pre-conditions: existing account, items availability.

Post-conditions: Provide new conditions after work.

Shop Owner Functions

Posting a product function

Description: the shop owner posts a product and its related info so that it's available for the customers to see and purchase.

Inputs: item photo, item material, item price, available sizes, item color.

Outputs: the items info to be stored in the database.

Pre-conditions: shop owner must have an account, the item information and description should not be similar to a previously existing item on the system.

Post-conditions: saved information cannot be used in more than one item.

Adding shop info function

Description: the shop owners posts their shop info and history.

Inputs: phone number, email address, area of working, address.

Outputs: the info to be stored in the database, the info is displayed on the website for the customers

Pre-conditions: shop owner must have an account.

Post-conditions: none.

Designers Functions

Posting a design function

Description: the designer posts a design and its related info so that it's available for the customers to see.

Inputs: item photo, the fabric used, item price, available sizes, available colors, .

Outputs: the items info to be stored in the database.

Pre-conditions: Designer must have an account, the item information and description should not be similar to a previously existing item on the system.

Post-conditions: saved information cannot be used in more than one item.

Adding designer's info function

Description: the designers posts their contact info so that customers can contact them and arrange a meeting.

Inputs: phone number, address, email address, area of working, appropriate time of contact (optional).

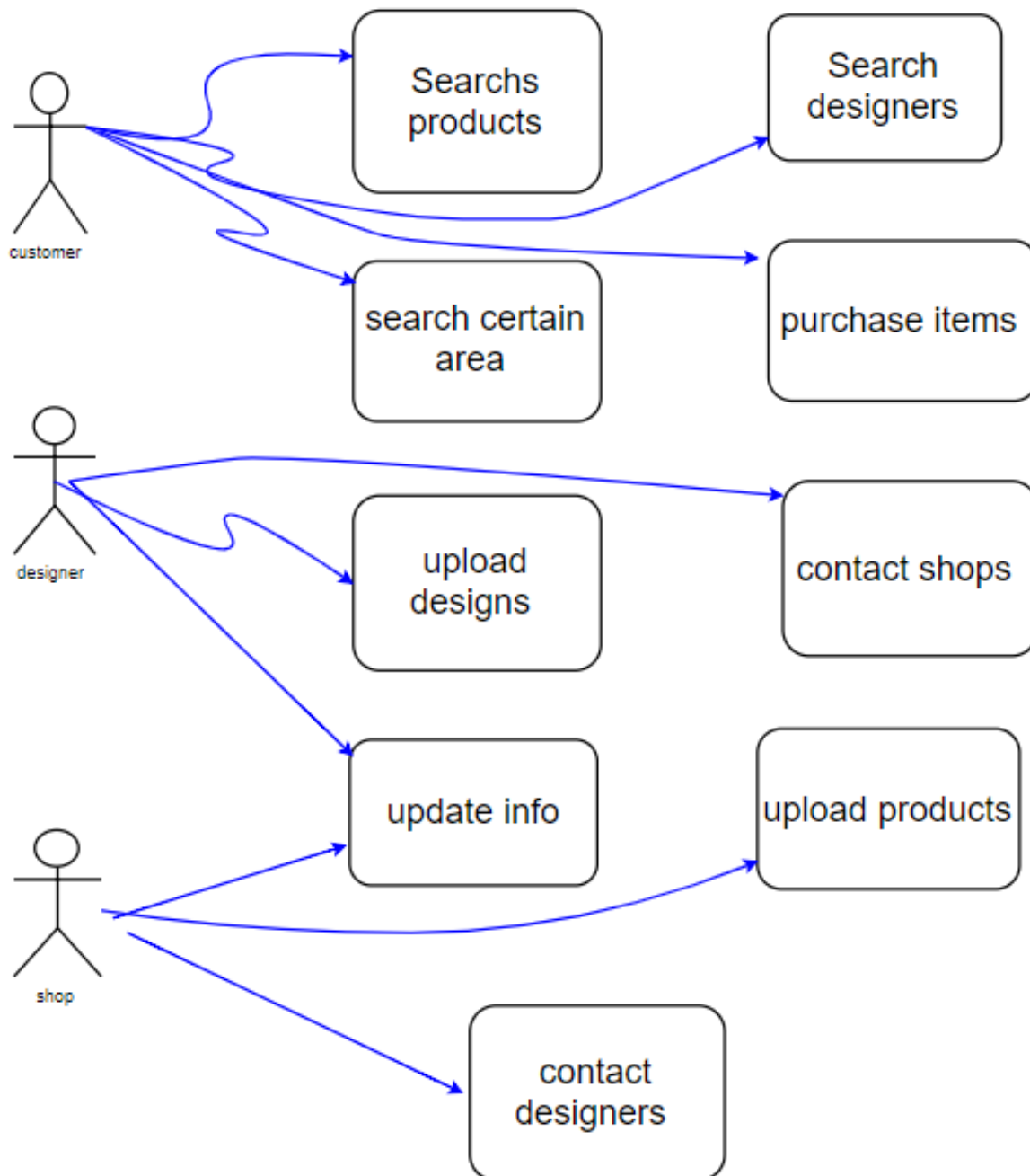
Outputs: the designers info to be stored in the database, the info is displayed on the website for the customers

Pre-conditions: Designer must have an account.

Post-conditions: none.

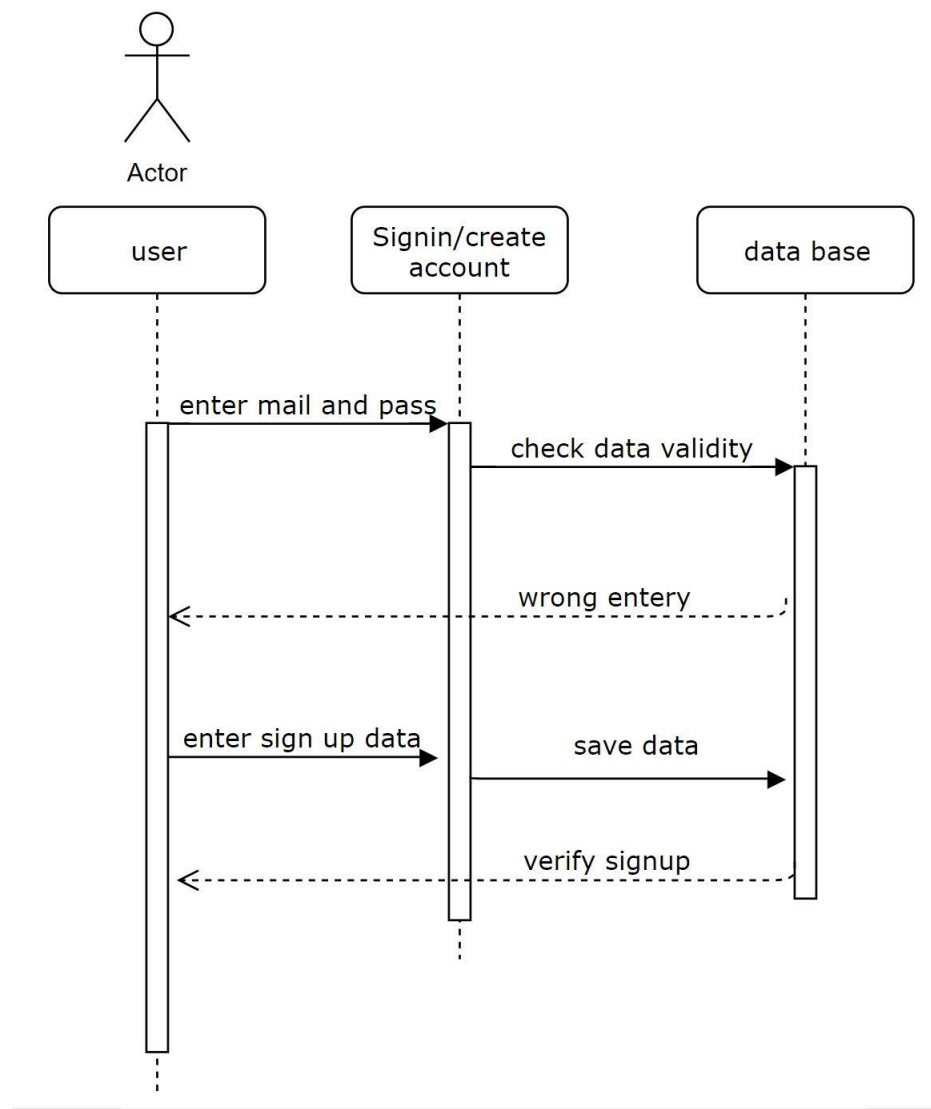
System Models

Case Diagram



Sequence Diagrams

Sequence Diagram



Non-Functional Requirements

Security

The system should guarantee for all the users that their personal data is secure also their search history and their purchasing orders must not be public.

Usability

Nonfunctional requirement description.

Performance

The system should not take long time while searching for certain/multiple items in the database.

The system should not crash if multiple users access the website at the same time through different devices.

Domain Requirements

Items Filtering

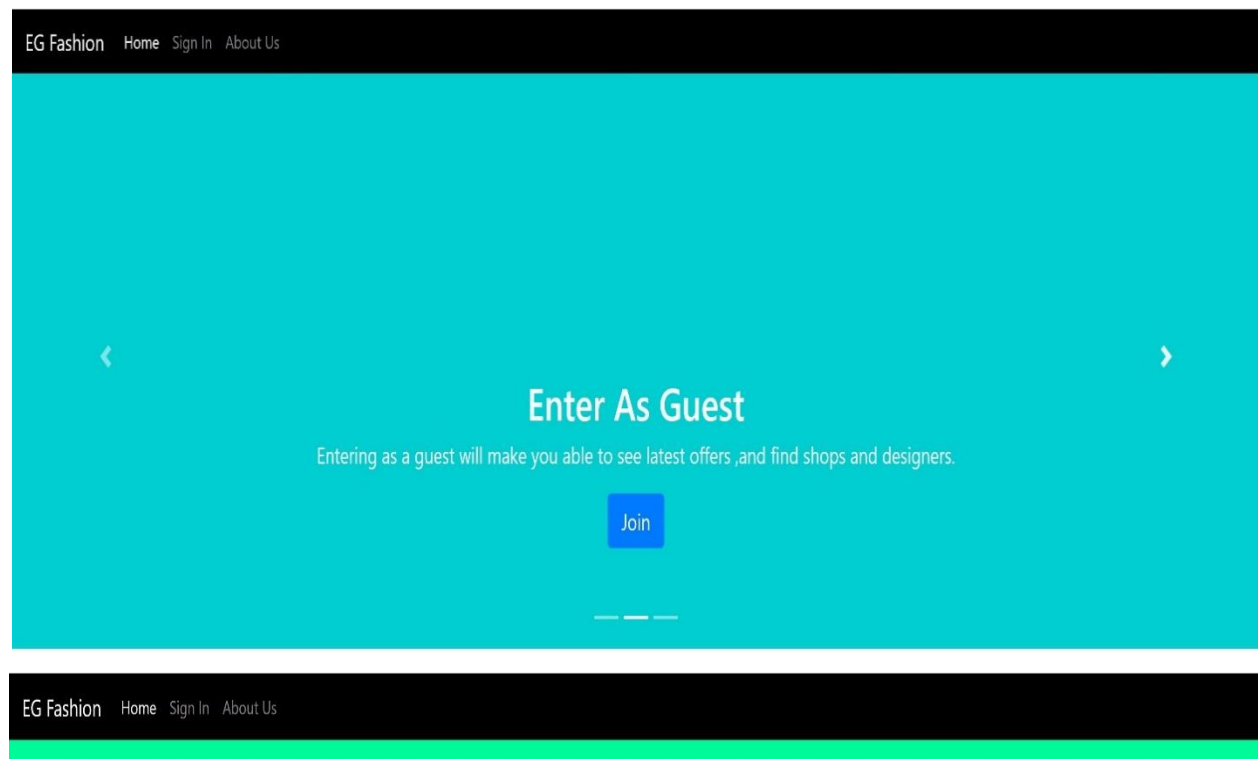
A filtering algorithm should be provided for the users in order to be able to search for a certain product without going through all the items on the website. The filters should enable the user to filter the items according to their color, size, type and price.

System Interfaces

User Interfaces

Screen shots for the website prototype:

The home page:



Customers

Customers can search for different designers and shop owners. They can search for products using different filters.They can also review designers and view others' views.

[View details »](#)



Shop Owners

Shop owners can present their products, develop an idea of customers' needs through the reviews and view other shops' products and pricing.

[View details »](#)



Designers

Fashion designers can show their work by uploading pictures, contact shop owners for business and fill the markets' needs through customers' feedback .

[View details »](#)

You can find enormous amount of goods

you can find enormous amount of goods as ou site depends on shop owners and designers to submit their work so our database is in continious growth.



Searching with filters

Searching with filters make you able to reach your destination in fastest and easiest way.

About us page:

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About US

EG Fashion is an online platform that gathers fresh fashion designers and upcoming stylists as well as small clothes shops. This platform should allow these startups to exhibit their work and products to be available all around the country. It should offer an easy way for these startups to market their work and make it popular and well-known. EG Fashion can be used by everyone who is interested in shopping or designing their own costumes for big events like weddings, engagements, proms, birthdays, graduations, etc. EG Fashion is the direct easy way for all designers and small shop owners to exhibit their products for everyone through a simple click.

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[EG Fashion](#) [Home](#) [Sign In](#) [About Us](#)

Sign In

Email address

Password

[Sign In](#)

Sign up page:

EG Fashion
Home
Sign In
About Us

Sign up Now

Name

Mobile Number

Email

Password

Address

Governerate

Cairo

Sign Up As:

Customer

☐ Check me out

Sign Up

Customer/Guest page:

EG Fashion
Home

Welcome

Here you can search for whatever you want using filters , or even search for shops and designers

Search for Shops

Shop Name

Governerate

Any

Search

Search for Designers

Designer Name

Governerate

Any

Search

Search filters

color

ALL

size

ALL

material

ALL

dress code

ALL

dress code

ALL

Search

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Designer page:

[EG Fashion](#) [Home](#)

Welcome

Here you can add your stock and sort them according to many filters

Search filters

color

red

size

S

material

cotton

dress code

casual

dress code

casual

Validity

valid Number

Price

\$15

ADD