Project name: Watch store

Members: Elina Aslanian – Zahra Yousefi Azari

Project vision:

This project is an online watch store designed to make buying watches easy, fast, and reliable. Users can create their own accounts, browse and filter products by brand or price, add items to their shopping cart, apply discount codes, and track their orders from processing to delivery. They can also read and write product reviews, learn more about the store, and contact the team directly through the website.
On the admin side, editors can upload new products, update prices and stock, manage orders, reply to user messages, and keep all site information up to date. Overall, the website aims to build a smooth and trustworthy shopping experience that connects style lovers with quality watches.

Target Audience:

- People who love watches and want to buy authentic, branded models.
- Buyers who prefer fast and easy online purchasing.

Core features:

Profile:

as a user(visitor) I want to create an account so that my personal details and purchase history are saved.

As a buyer I want to follow my order status.

As a user I want to change or reset my password.

As a user I want to edit my old phone number or email address or address.

As a user I want to log in or log out from my own account.

As a user(buyer) I want to view my order history so I can track my previous orders.

Products:

As a site editor I want to be able to login with my username and password to upload new products.

As a site editor I want to be able to login with my username and password to edit(update) products details like price/ status/ ect .

As a site editor I want to be able to login with my username and password to assign category or any feature or picture while adding new product.

As a user want to be able to login with my username and password and filter products by brand or price so I can choose easier.

As a visitor I want to enter to products page and visit products and filter them by brand or price.

As a user I want to be able to login with my password and username to add my orders to my shopping cart.

Shopping cart & buying:

As a user I want to be able to login with my password and username to add my orders to my shopping cart.

As a user I want to be able to login with my password and username to view products that I add to my shopping cart.

As a user I want to be able to login with my password and username to buy products that I add to my shopping cart.

As a user I want to be able to login with my password and username and enter to buying section and then enter my discount code.

As a site editor I want to be able to login with my password and username to assign discount code.

New collection:

As a user I want to be able to login with my password and username I want to view latest products.

As a visitor I want to view latest products.

As a user I want to be able to login with my password and username to filter products by date and latest products that added.

Order Tracking

As a buyer I want to be able to login with my password and username and view my order status (processing, shipped, delivered) so that I can know where my package is.

As a site editor I want to be able to login with my username and password and update order statuses so that users can see their real-time order progress.

Reviews & Ratings

As a user I want to be able to login with my password and write a review for a product I have purchased so that I can share my experience.
As a visitor I want to read reviews and ratings of other users so that I can decide before buying.

About Us

As a visitor I want to read about the store's history and mission so that I can trust the brand.
As a site editor I want to be able to login with my username and password and update store and our team information.

Contact Us

As a user I want to be able to login with my username and password and send a message through the contact form so that I can ask questions.
As a visitor I want to see store address, phone number, and social media links so that I can contact the team.
As a site editor I want to be able to login with my password and username and receive messages from users dashboard so that I can reply to them.

Order Management (Admin)

As a site editor I want to be able to login with my password and username view all orders with buyer info and status so that I can manage shipping.

Search

As a visitor I want to use a search bar to find a product by name or brand so that I don't need to browse all items.

Error / 404 Page

As a visitor I want to see a clear message when a page is not found so that I can navigate back easily.

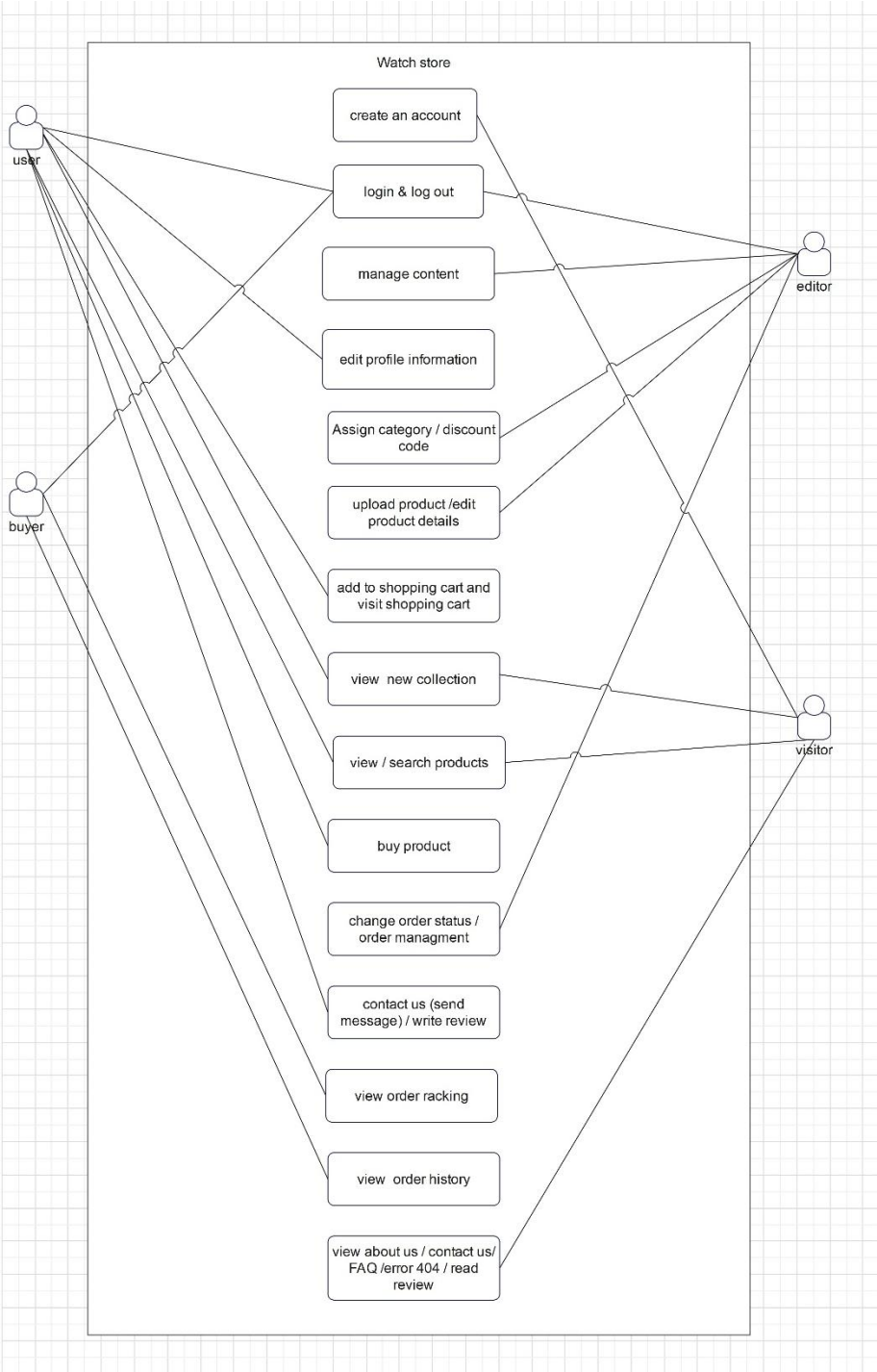
FAQ

As a visitor I want to view common questions about delivery, payment, and returns so that I can solve my issues quickly.
As a site editor I want to be able to login with my password and username and add or update FAQ items so that customers always get accurate information.

Links:

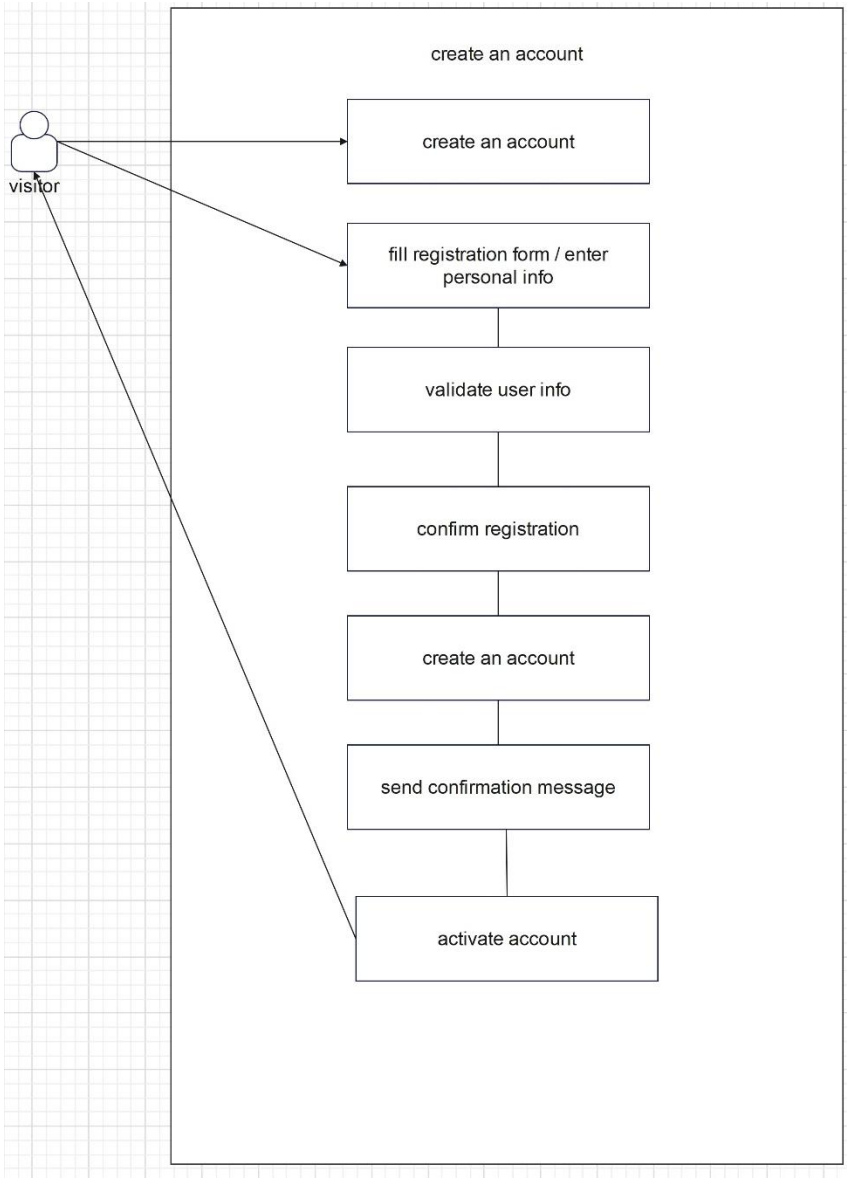
https://github.com/zahrayi/SE-lab-watch-store.git

main use case:

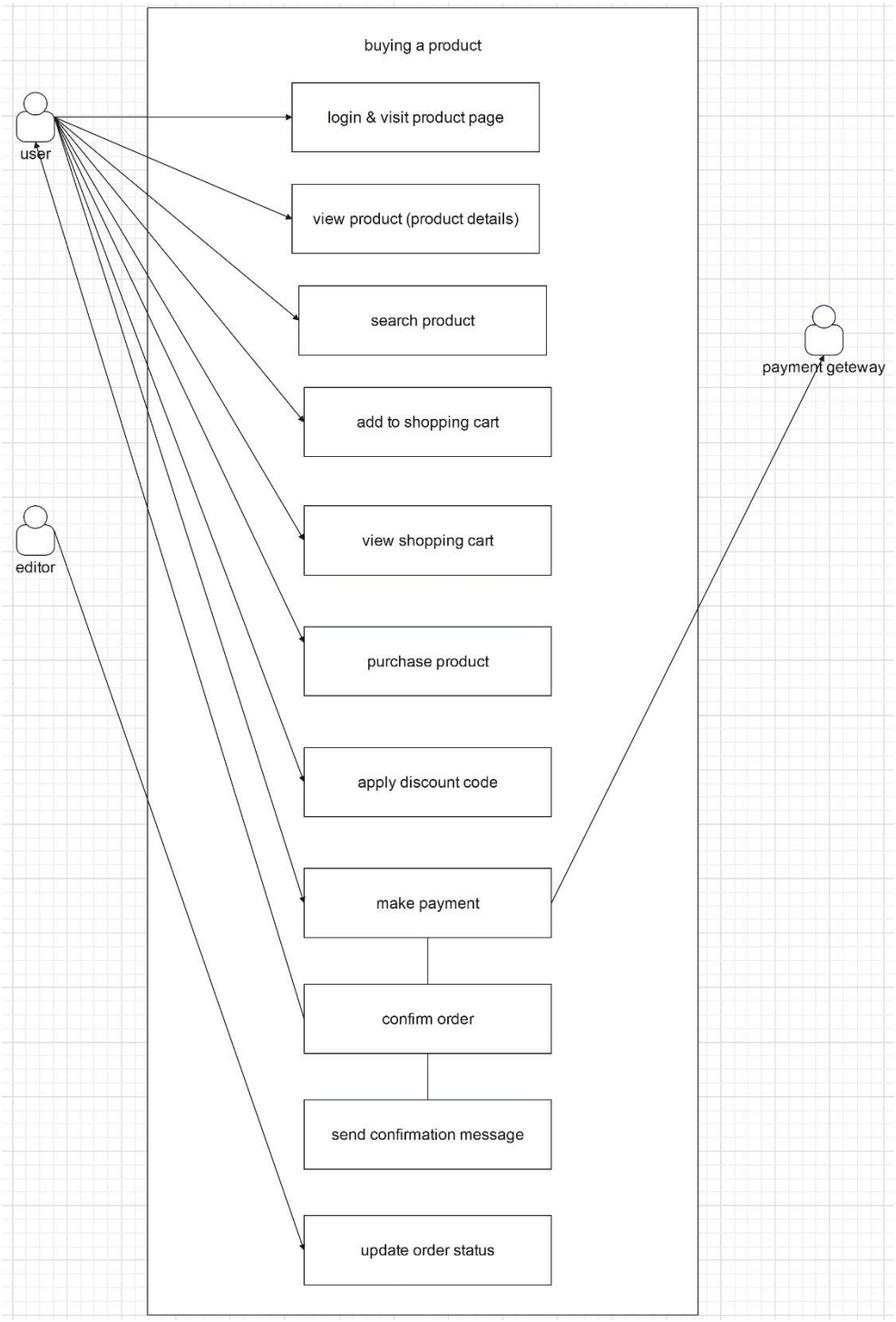


usecases:

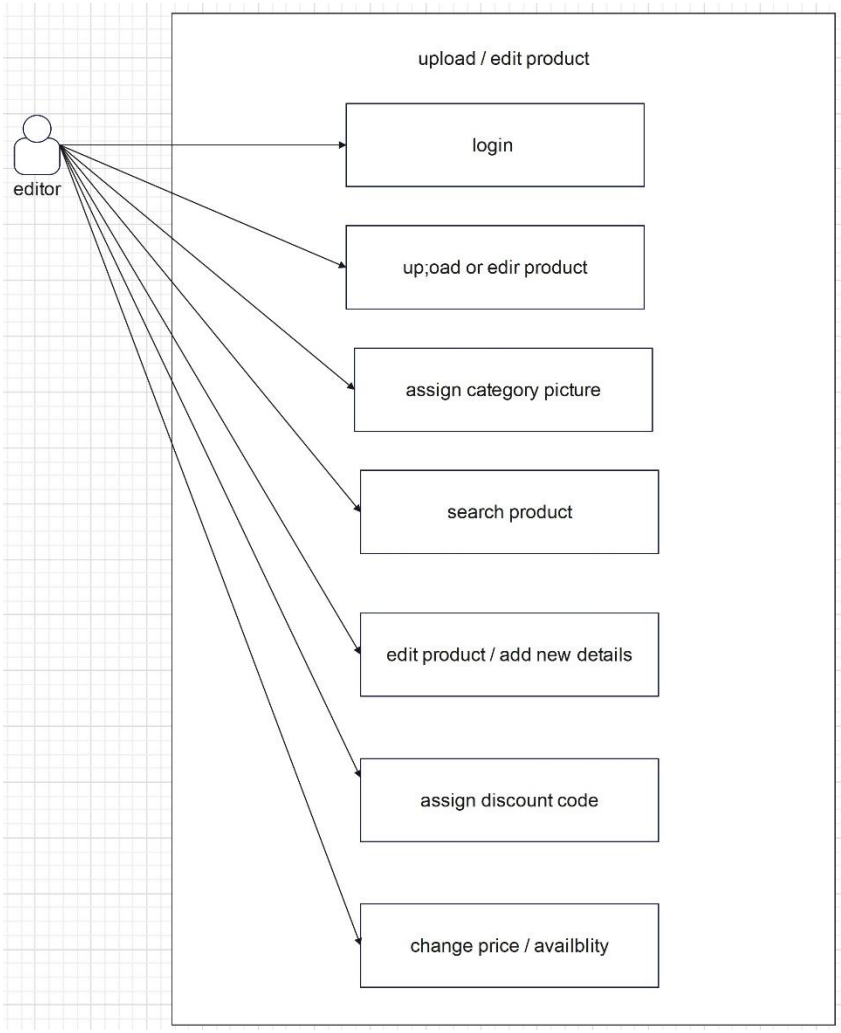
creat an account:



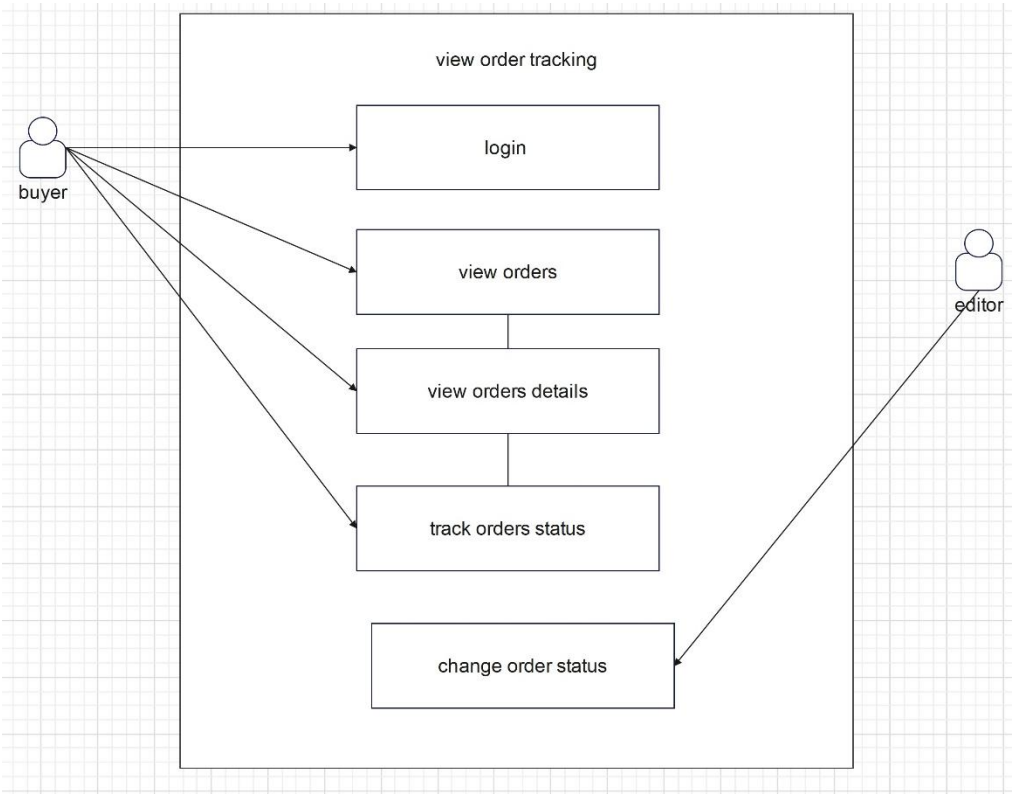
buying product:



upload/edit product:

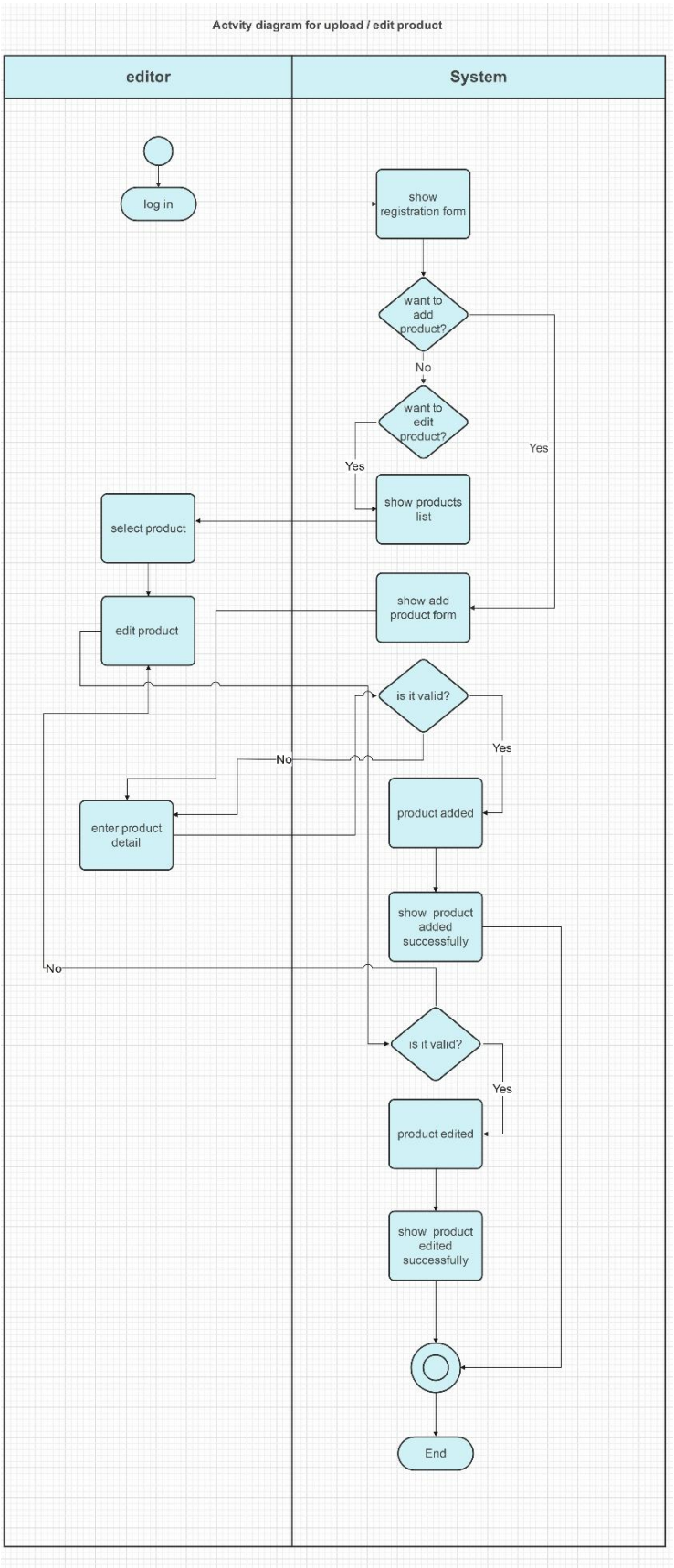


order tracking:

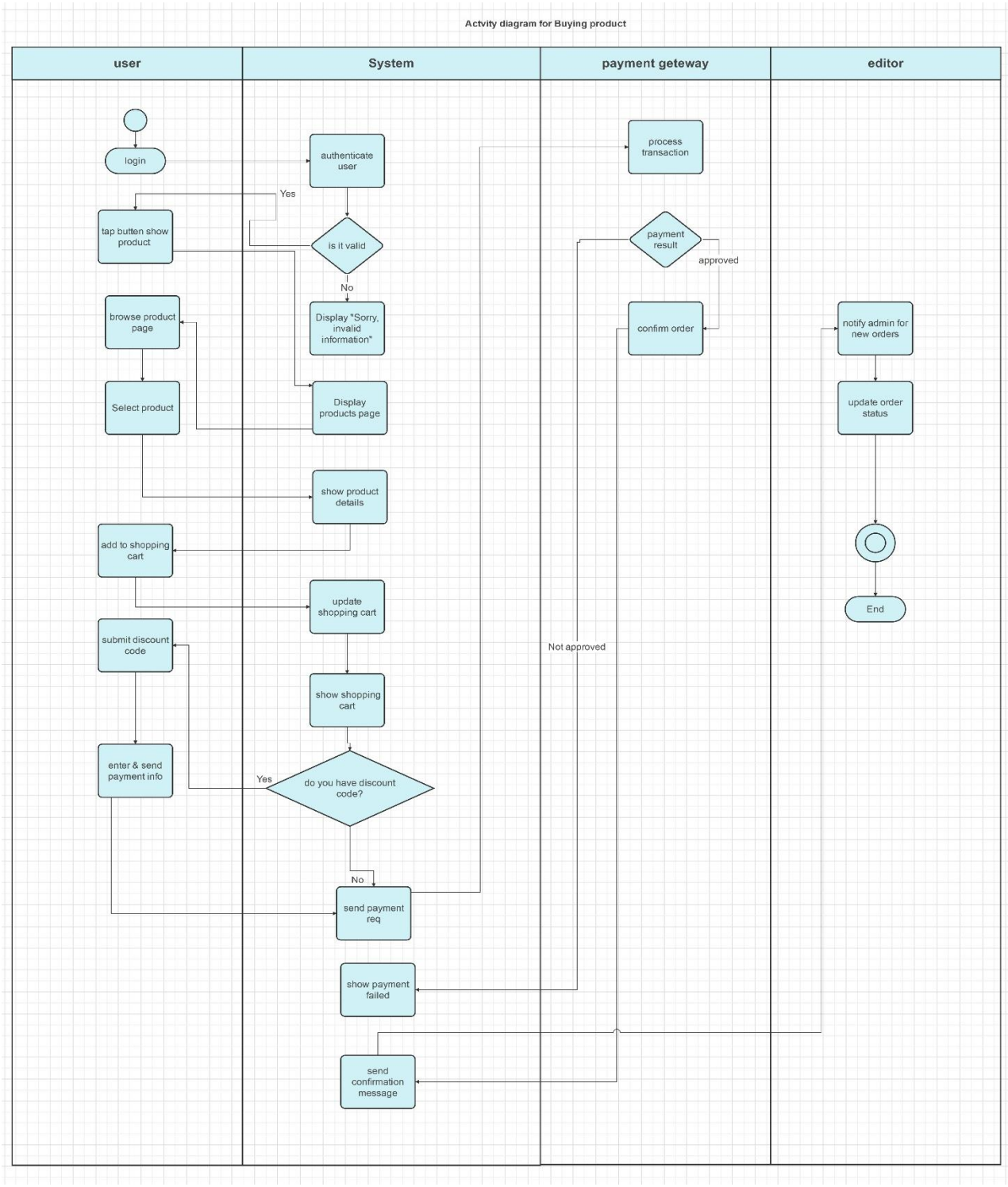


activity diagrams:

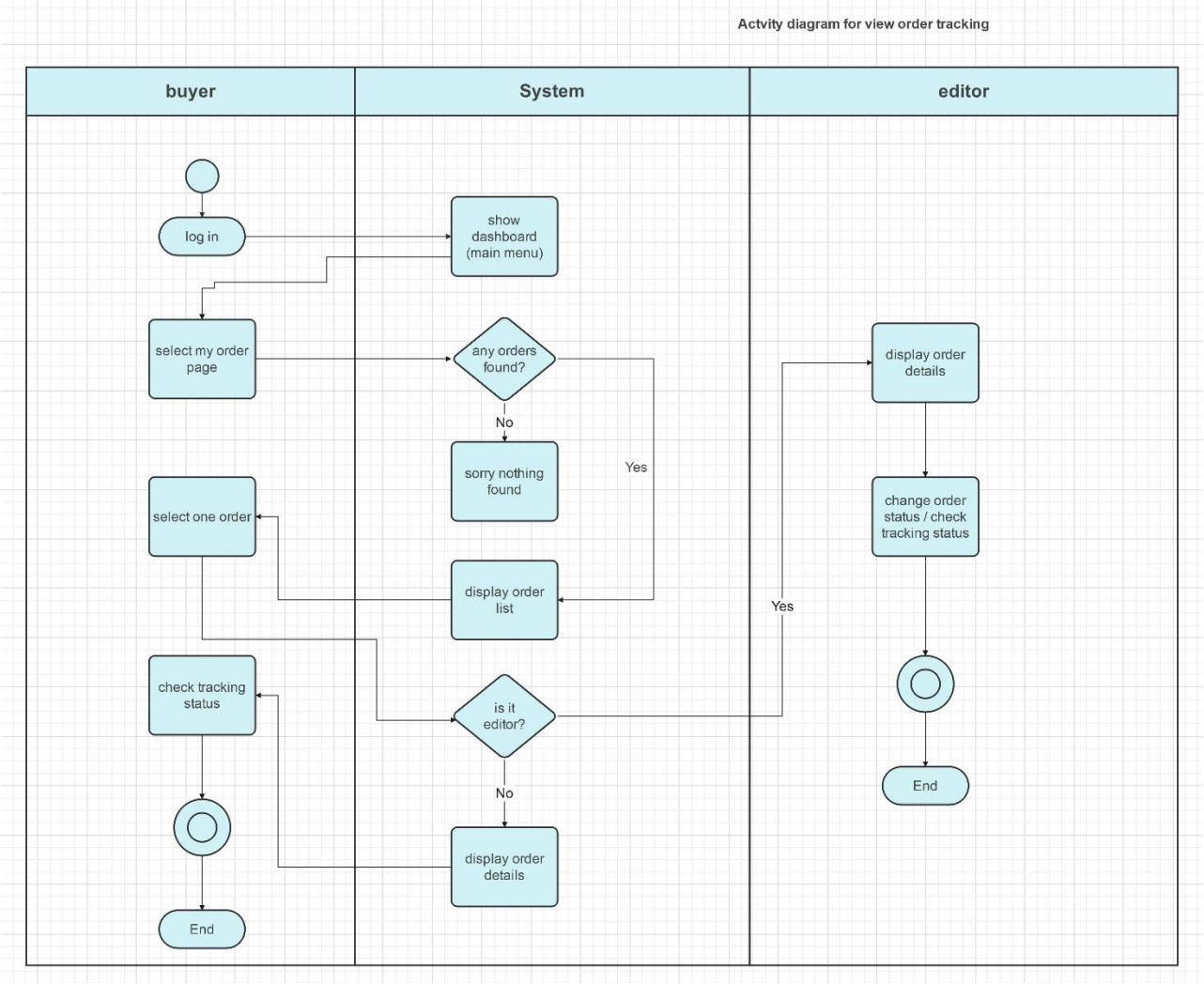
upload/edit product:



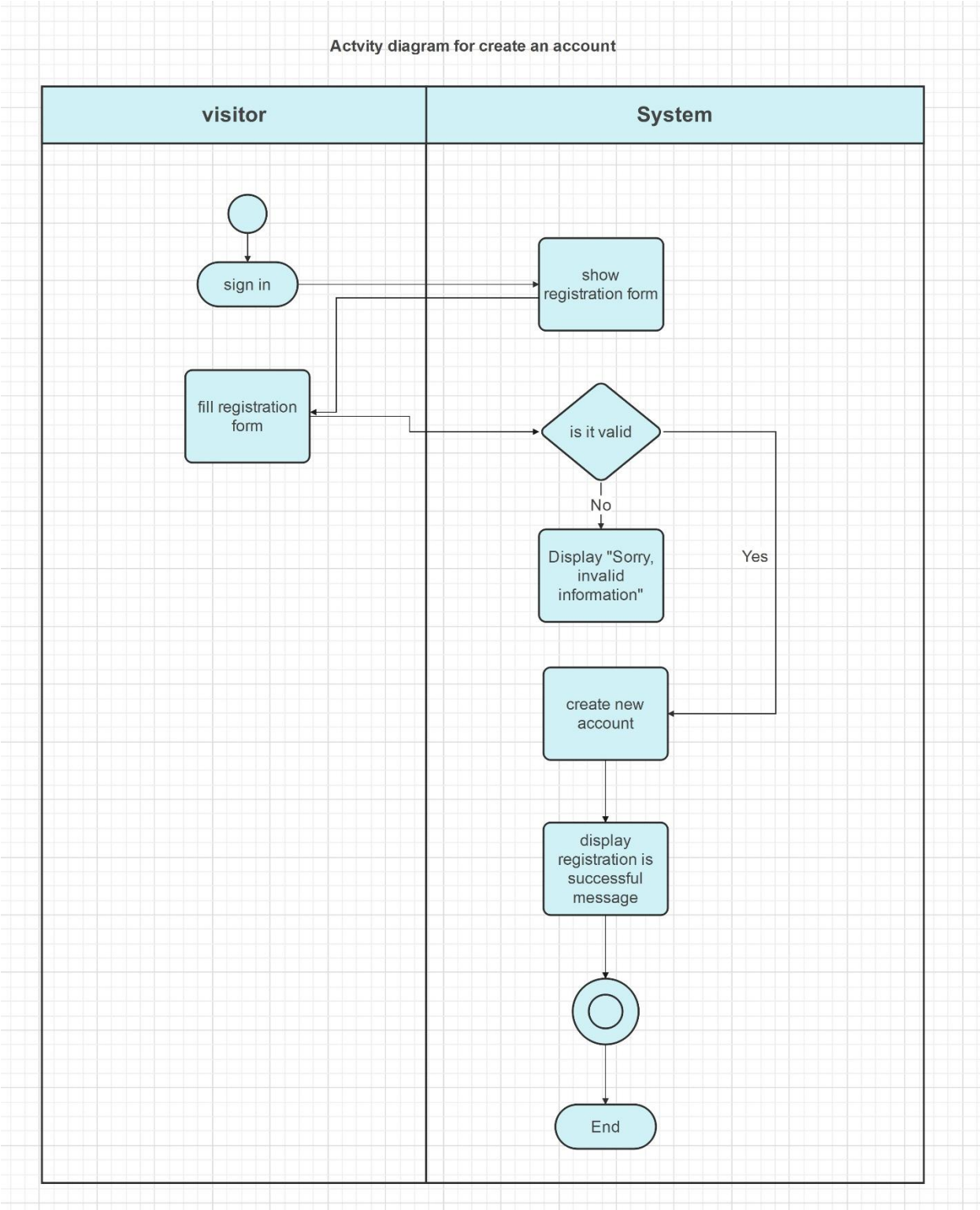
buying product:



order tracking:

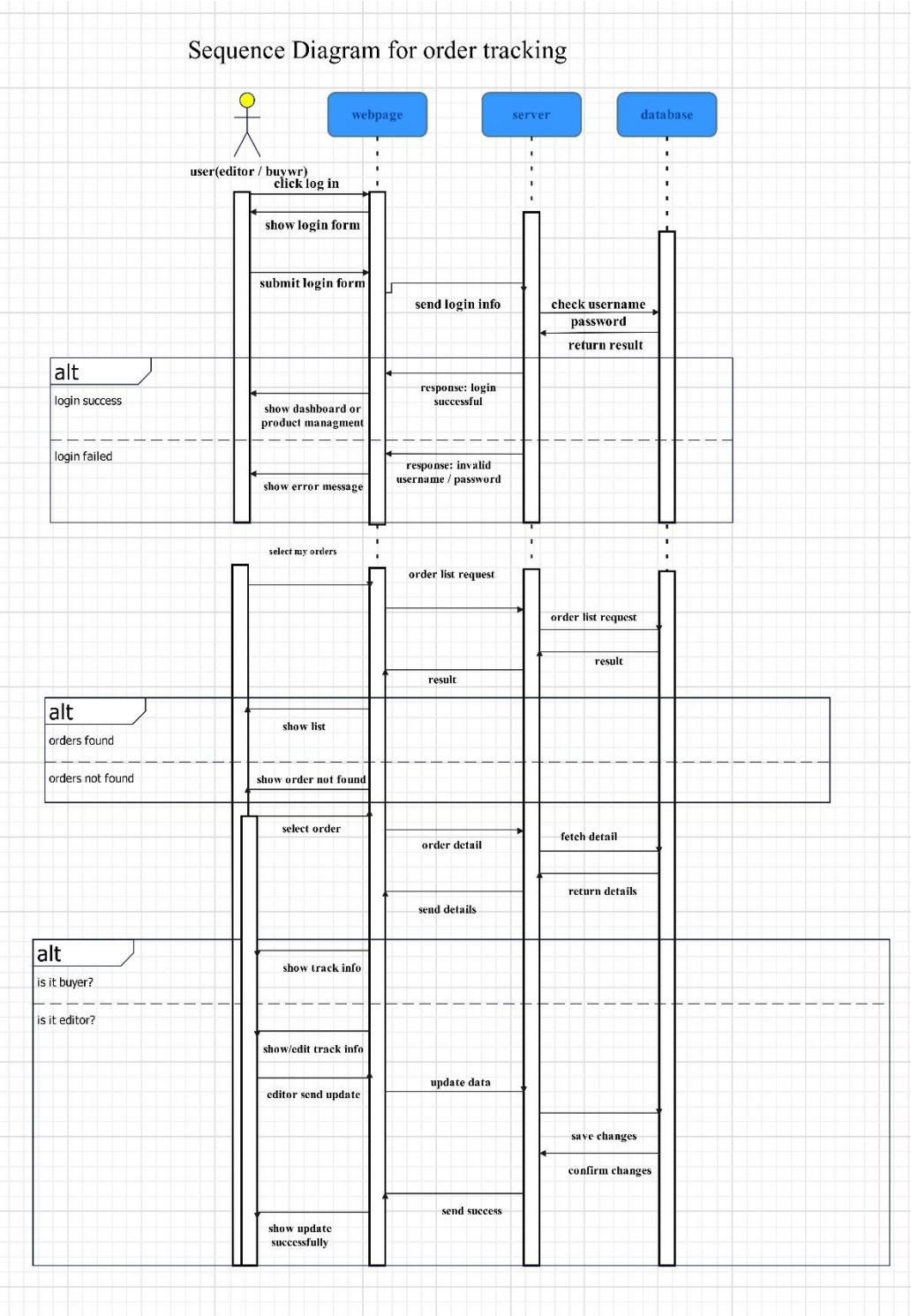


create an account:

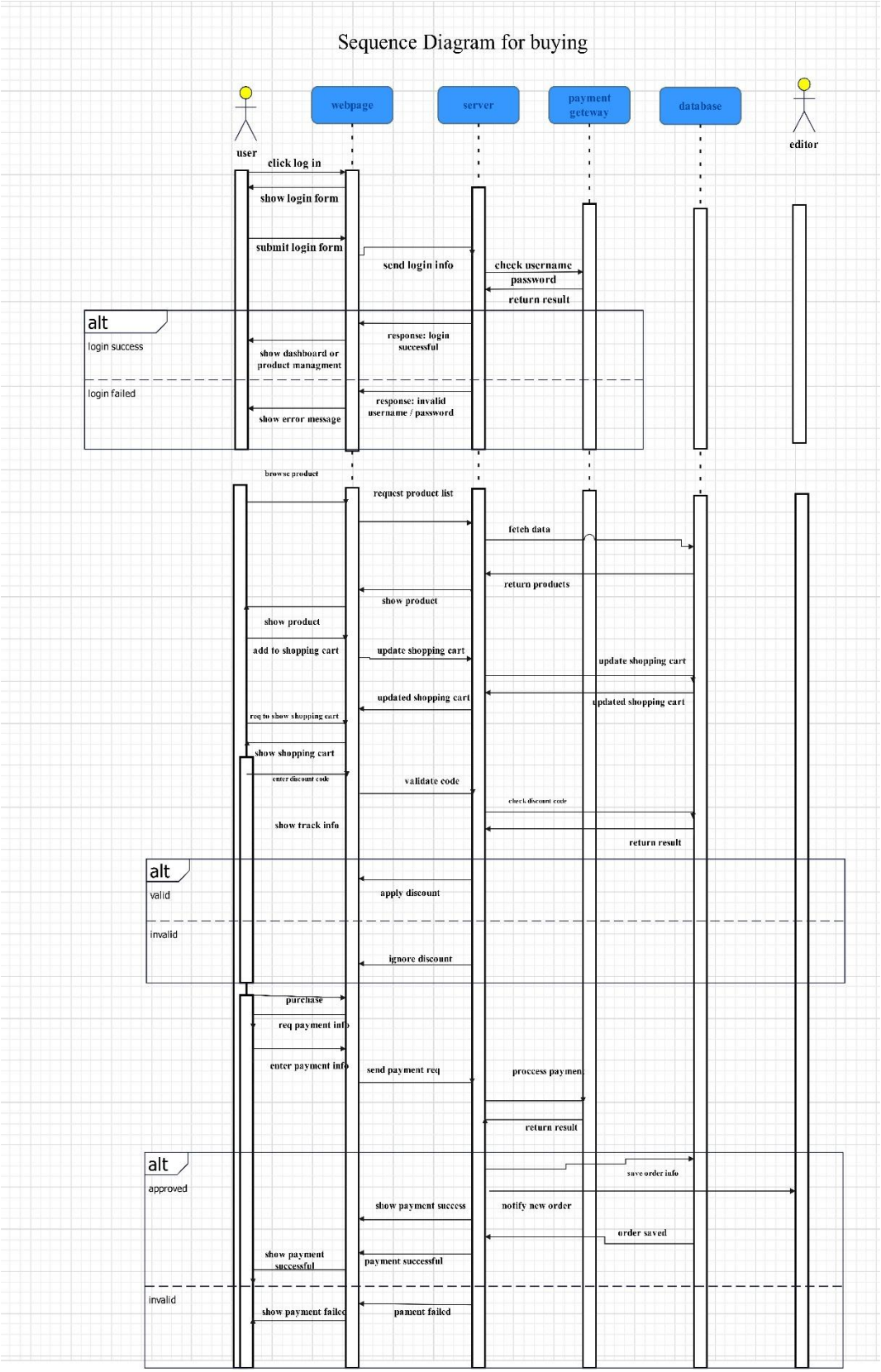


sequence diagrams:

order tracking

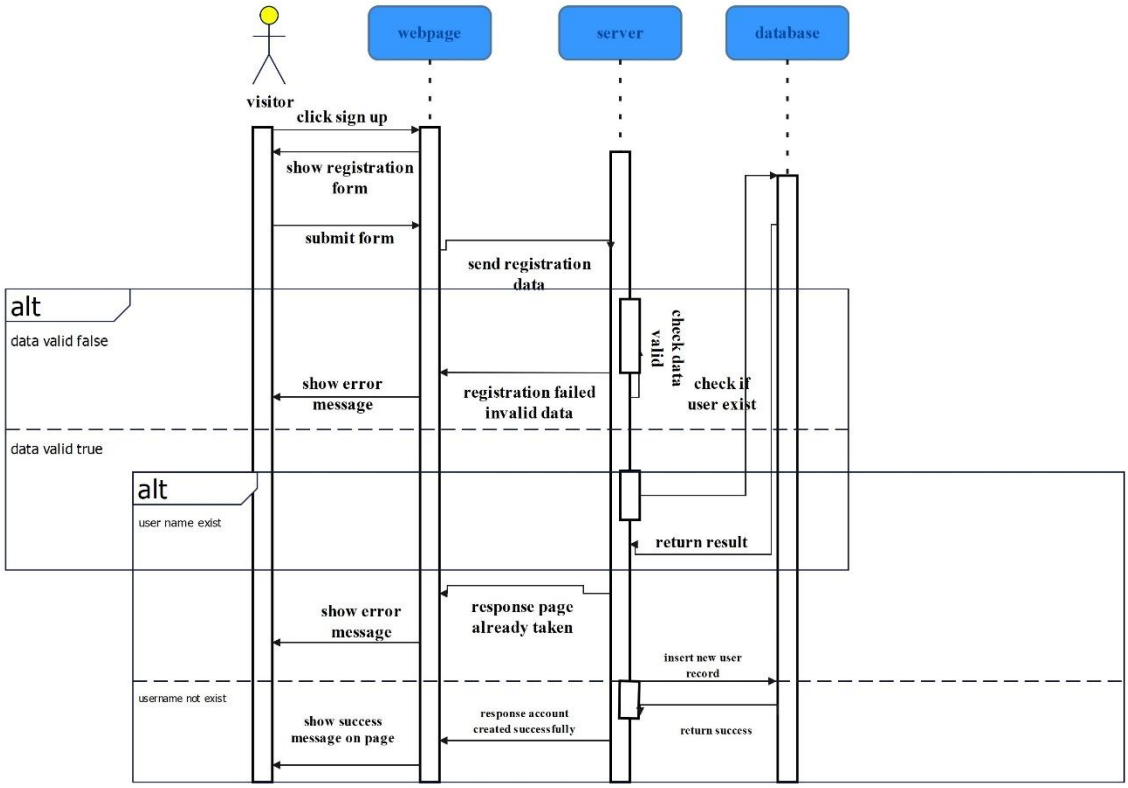
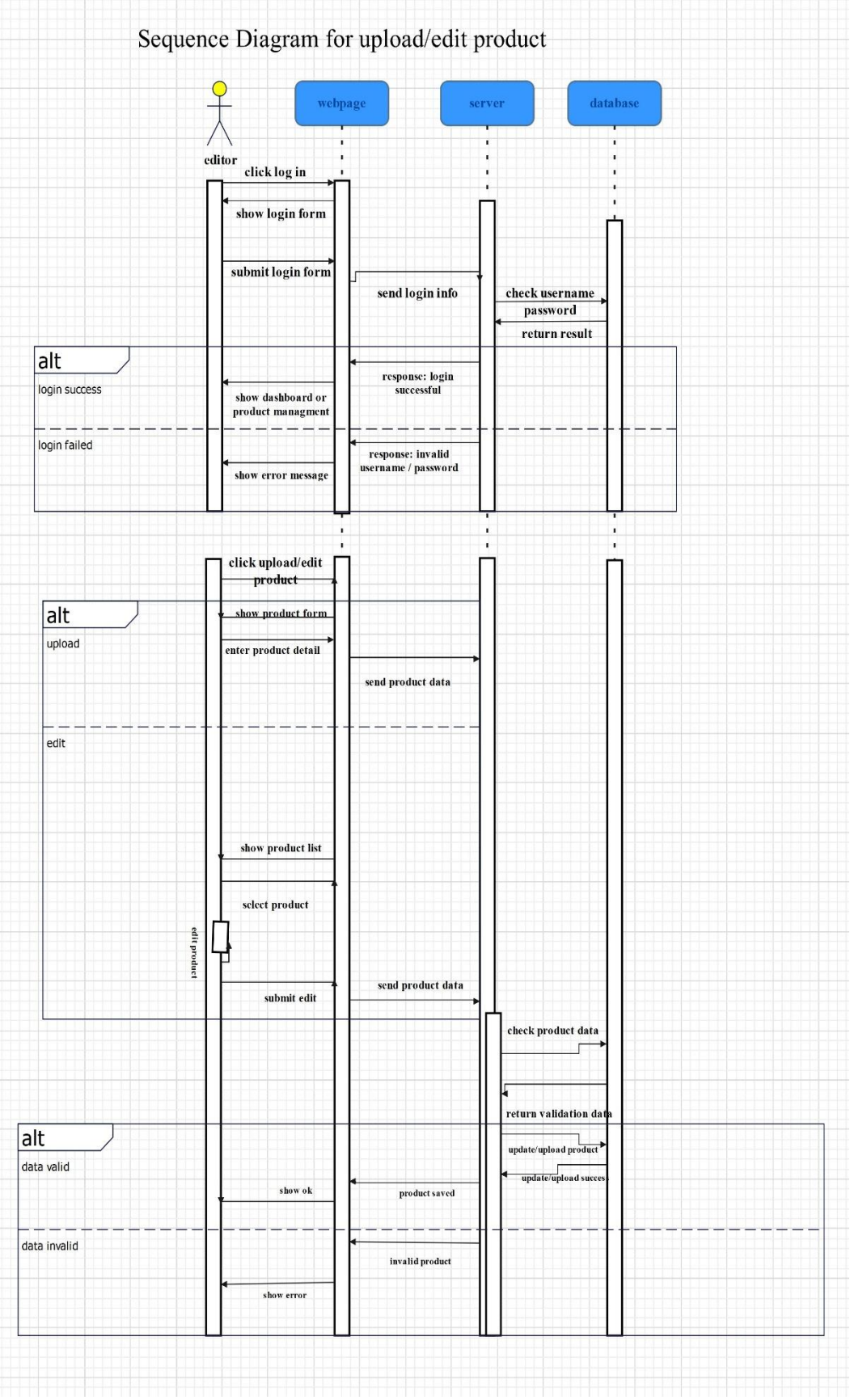


buying:


Sequence Diagram for buying
user
webpage
server
payment geteway
database
editor
click log in
show login form
submit login form
send login info
check username
password
return result
alt
login success
response: login successful
show dashboard or product managment
login failed
response: invalid username / password
show error message
browse product
request product list
fetch data
return products
show product
show product
add to shopping cart
update shopping cart
update shopping cart
updated shopping cart
updated shopping cart
req to show shopping cart
show shopping cart
enter discount code
validate code
check discount code
show track info
return result
alt
valid
apply discount
invalid
ignore discount
purchase
req payment info
enter payment info
send payment req
proccess paymen
return result
alt
approved
save order info
show payment success
notify new order
order saved
show payment successful
payment successful
invalid
show payment failed
pament failed

create an account:

Sequence Diagram for create an account



upload/edit product