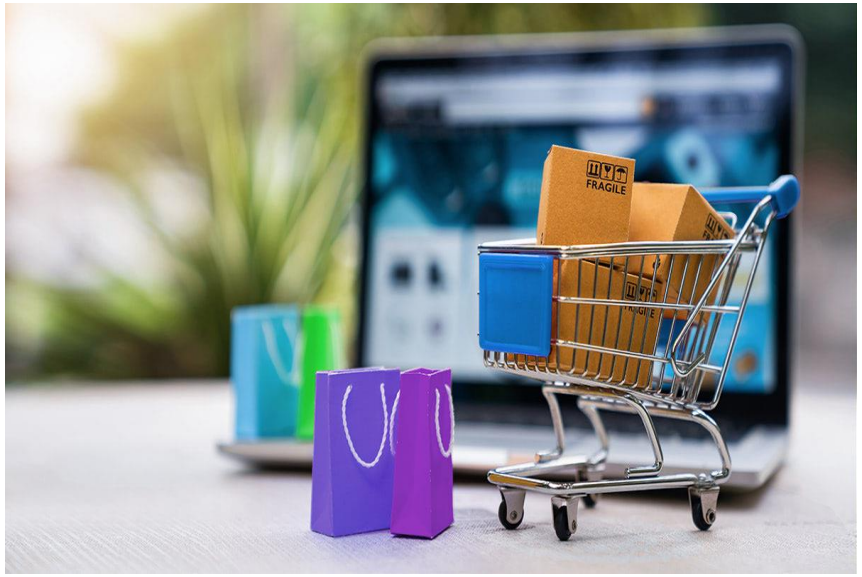
Online Market System Project

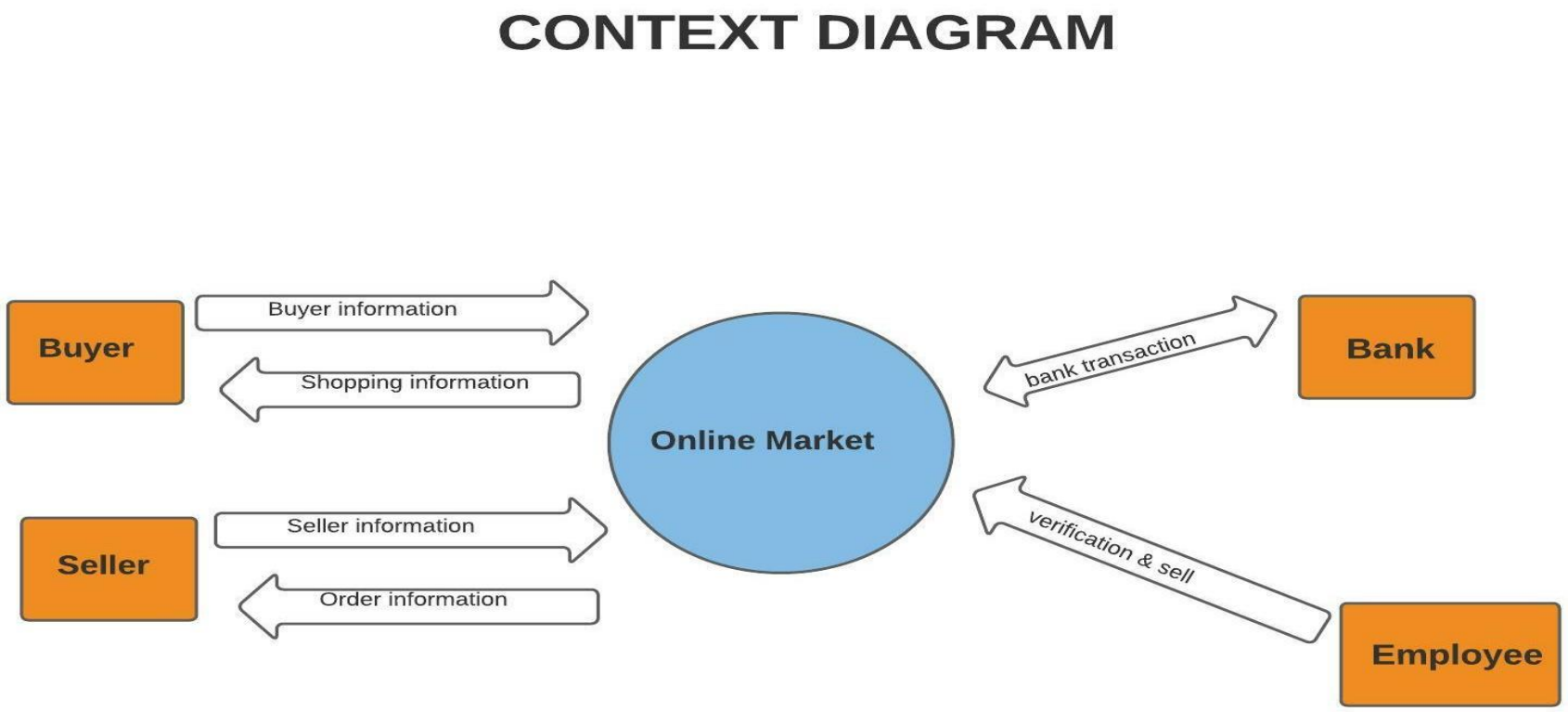
KALABE KEBEDE
ID - 112134

Problem description:

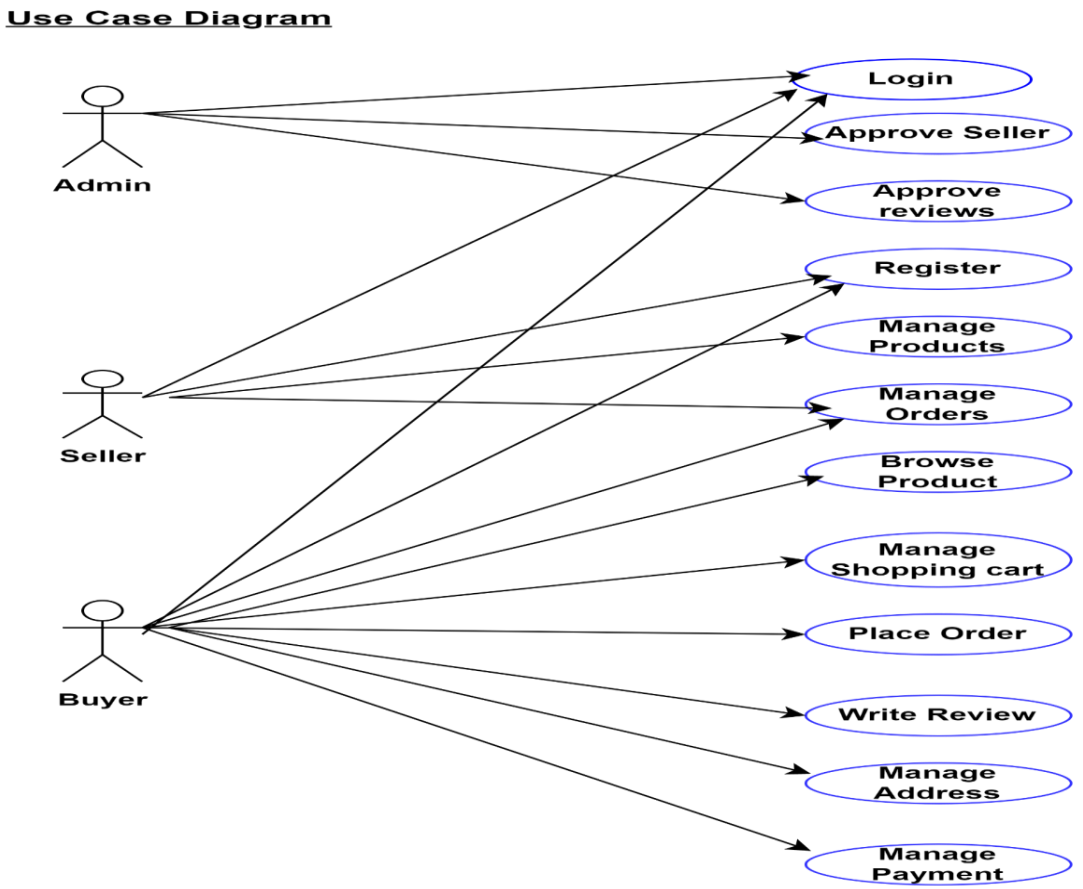


Seller	• **Seller can add products once he/she is approved by Admin (as a registered Seller).** • **Seller cannot buy products from this website.** • **Seller can cancel an order placed by a buyer.** • **Seller can delete a product but if there is an order with that product, the product cannot be deleted.** • **Seller gets email notifications of placed orders.**
Buyer	• Buyer cannot sell items on this website. • Buyer can add/edit/delete products to the shopping cart. • Buyer can have a log of his/her past orders. • Order payment is handled by a third party. • Buyer can cancel an order before it gets shipped. • Buyer can download a pdf receipt of the order. • Buyer can write a product review. • Buyers will get email notifications of their purchased product.
Admin	• Admin can approve sellers' registration. • Admin approves product reviews made by buyers.

Context Diagram:



Use case diagram:



User story map:

Acceptance criteria for Seller: As a seller, I can add products to be sold in the market so that my products can be seen by buyers.

- Product quantity should be more than zero.
- Product must have a name.
- Product must have a description.
- Product must have a price.
- Product cannot be a duplicate of another from the same seller.
- Only new products no used ones

Acceptance criteria for Buyer: As a buyer, I can check out my shopping cart (order) so that I can buy products.

- Order must contain at least one product.
- Order must have a shipping address.
- Order must contain valid payment information.
- Payment must be accepted first.
- Product must be in-stock.

Acceptance criteria for Admin: As an admin, I can approve seller registration so that approved sellers sell their products on the site.

- User must be registered as a seller.
- User must provide an email.
- User must provide full name.

1. add product Scenarios:

1. Seller login into the system.
2. System shows all seller products and an option to add products.
3. Seller chooses to add product.
4. System displays new product form.
5. Seller enters product name, description, quantity, images, and price, and submits it.
6. System displays a success message for adding a product.
7. System goes back to point #2.

If the seller enters the wrong data in the form fields:

6. System displays an error message above each required field.
7. Seller corrects information and submits again.
8. system displays the success message of adding a product.
9. System goes back to point #2.

If the product is a duplicate for the same seller:

6. System displays a message mentioning this is a duplicate product.
7. Seller corrects information and submits again.
8. system displays the success message of adding a product.
9. System goes back to point #2.

2. checkout shopping cart Scenarios:

1. Buyer enters login information.
2. System displays all products.
3. Buyer adds Products to the cart.
4. Buyer requests shopping cart checkout.
5. System displays the products in the shopping cart and the total price.
6. Buyer confirms this process.
7. System displays checkout form.
8. Buyer enters shipping address, payment details, and billing address and then submits.
9. System displays placed order receipt and options to download the receipt and an option to go back to all products view.

If the product is out of stock:

3. System displays an out-of-stock message.
4. System goes back to all products view.
5. Buyer adds other products to the shopping cart.
6. continue at point #4 of the main scenario.

If payment fails:

9. The system displays a message that the payment is not valid.
10. Buyer enters different payment information.
11. continue at point #9 of the main scenario.

If Address requirements are missing:

9. The system will display an error over the required address information.
10. Buyer will enter the correct information and submit.
11. continue at point #9 of the main scenario.

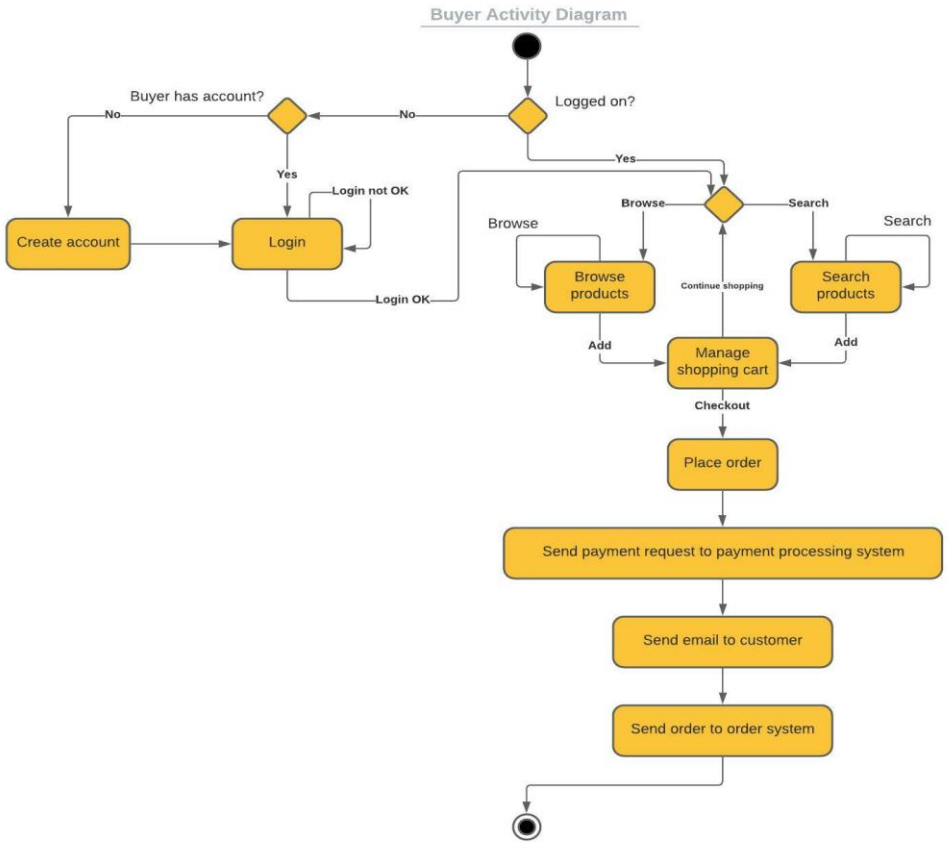
3. approve seller registration Scenarios:

1. Admin enters the login credentials.
2. The system displays an option to the list of newly registered sellers and an option to the list of reviews.
3. Admin selects a list of sellers.
4. System displays the list of newly registered sellers that are pending to be approved.
5. Admin selects approve seller on a seller of his/her choice.
6. System displays a success message.
7. System goes back to point #4.

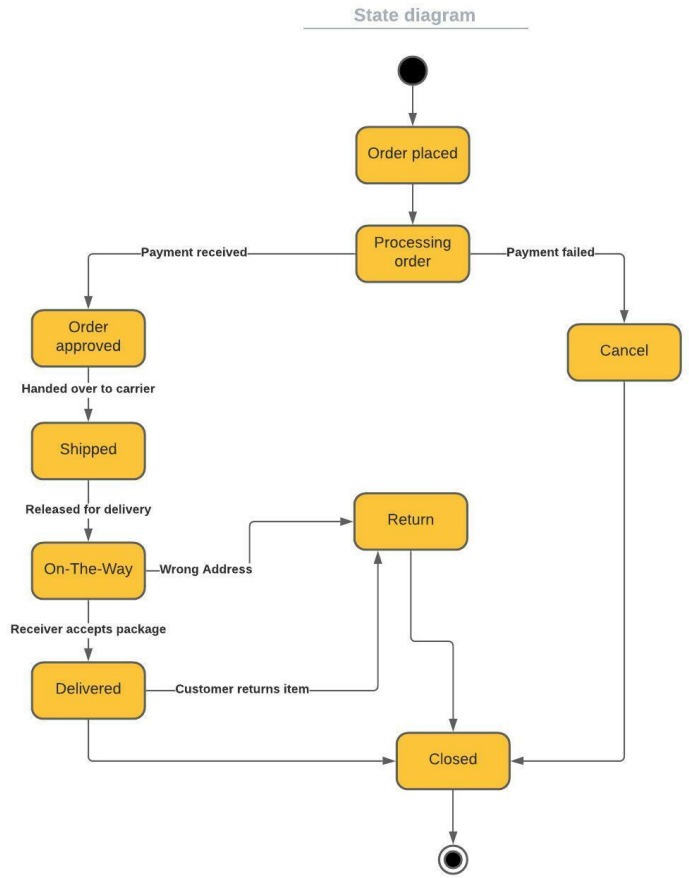
If admin denies seller:

5. Admin selects deny seller on a seller of his/her choice.
6. System displays that the seller has been successfully denied.
7. Continue at point #4 of the main scenario.

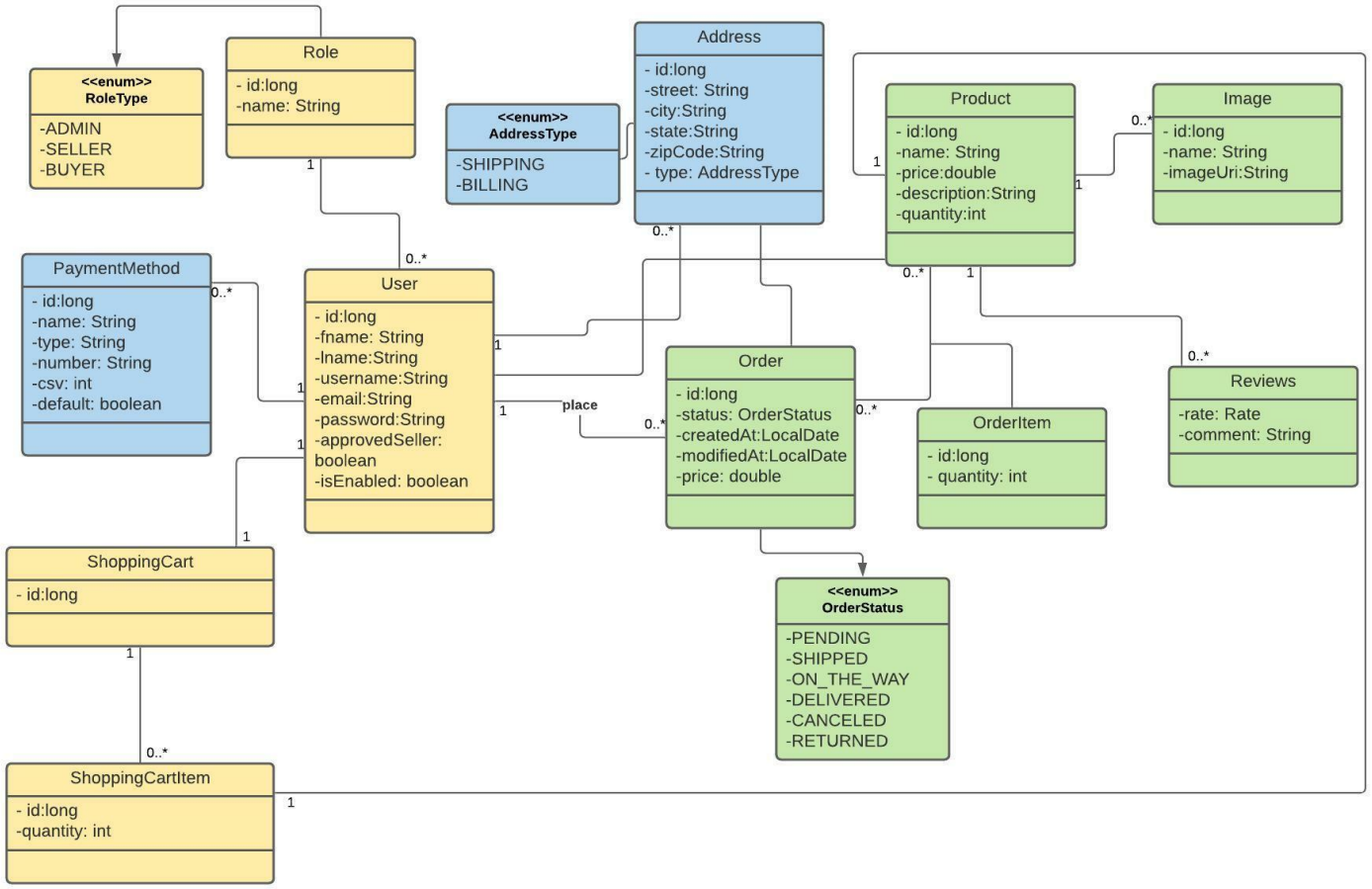
Activity Diagram:



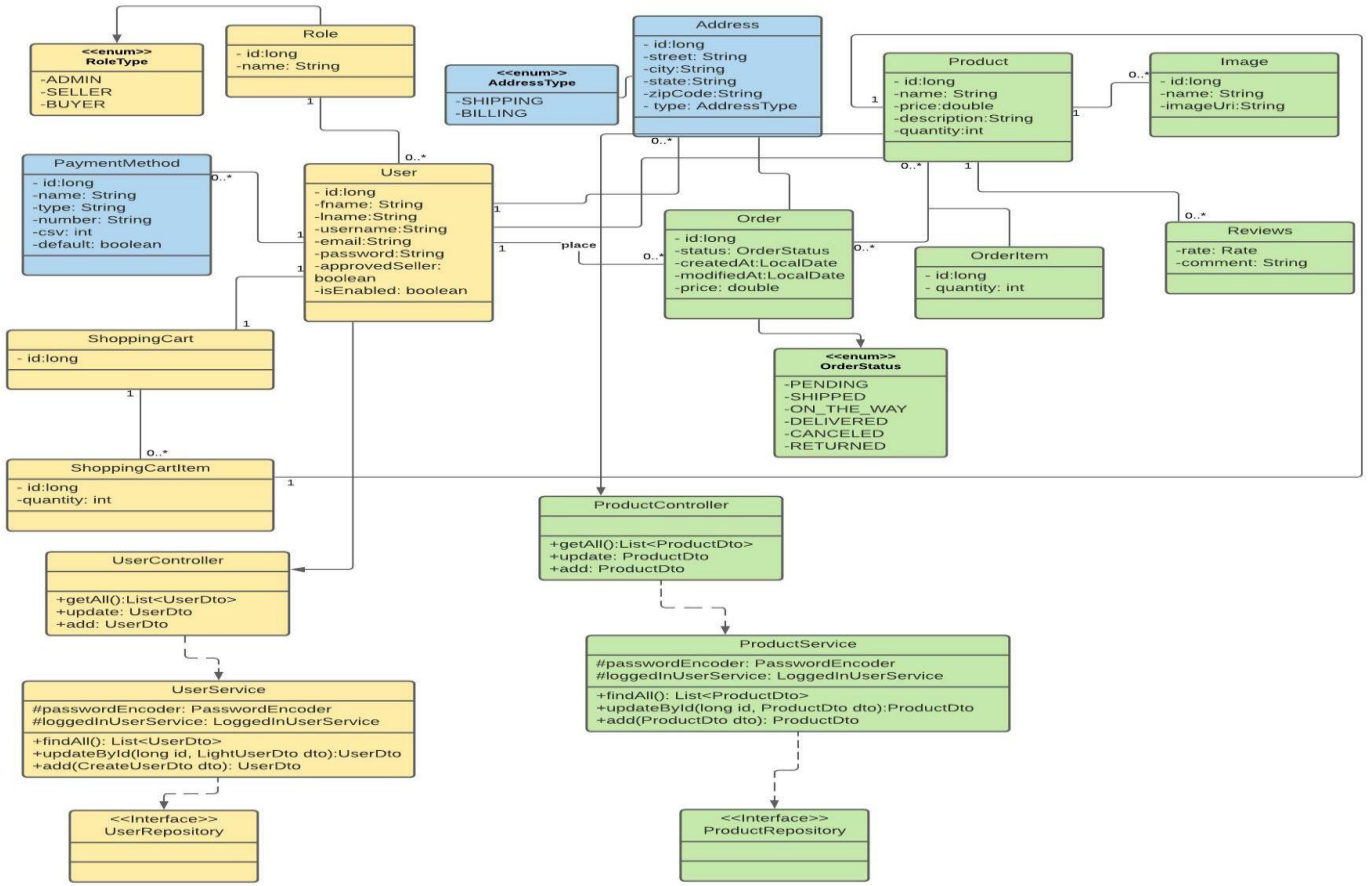
State diagram:



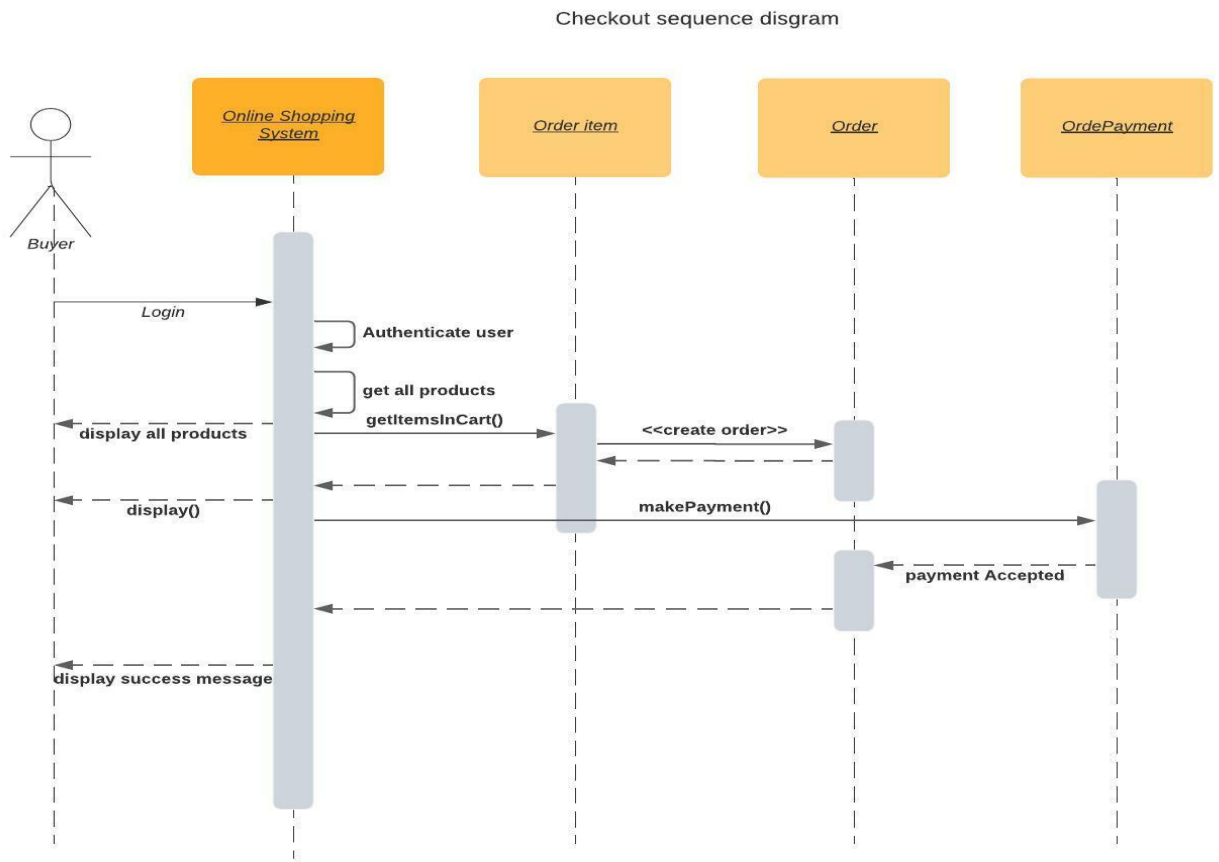
Class diagram:



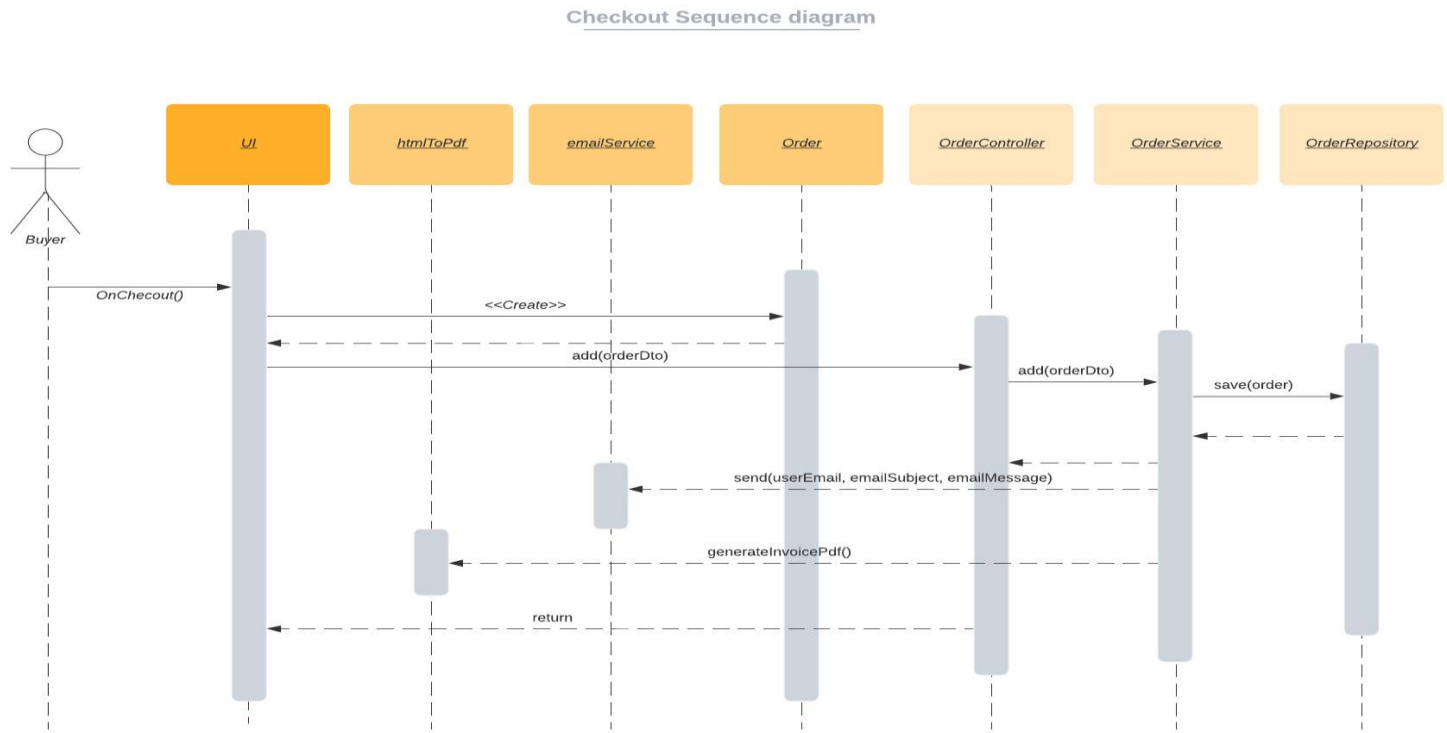
Detail Class diagram:



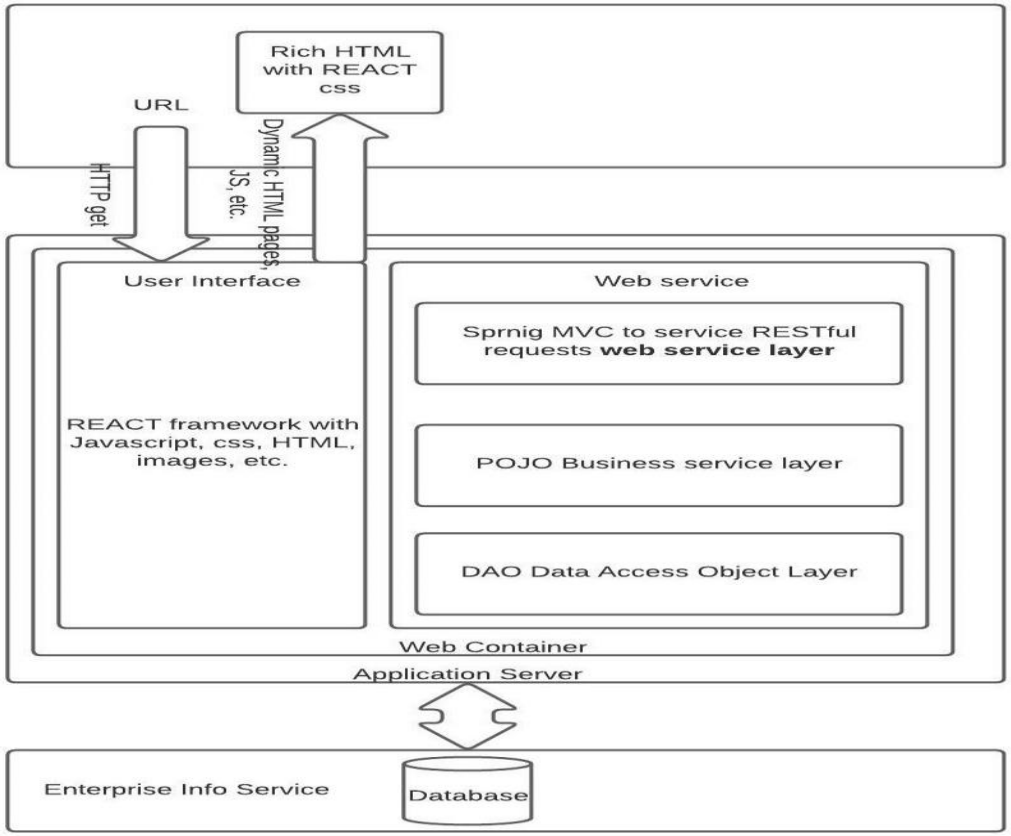
Checkout sequence diagram:



With UI Checkout sequence diagram:

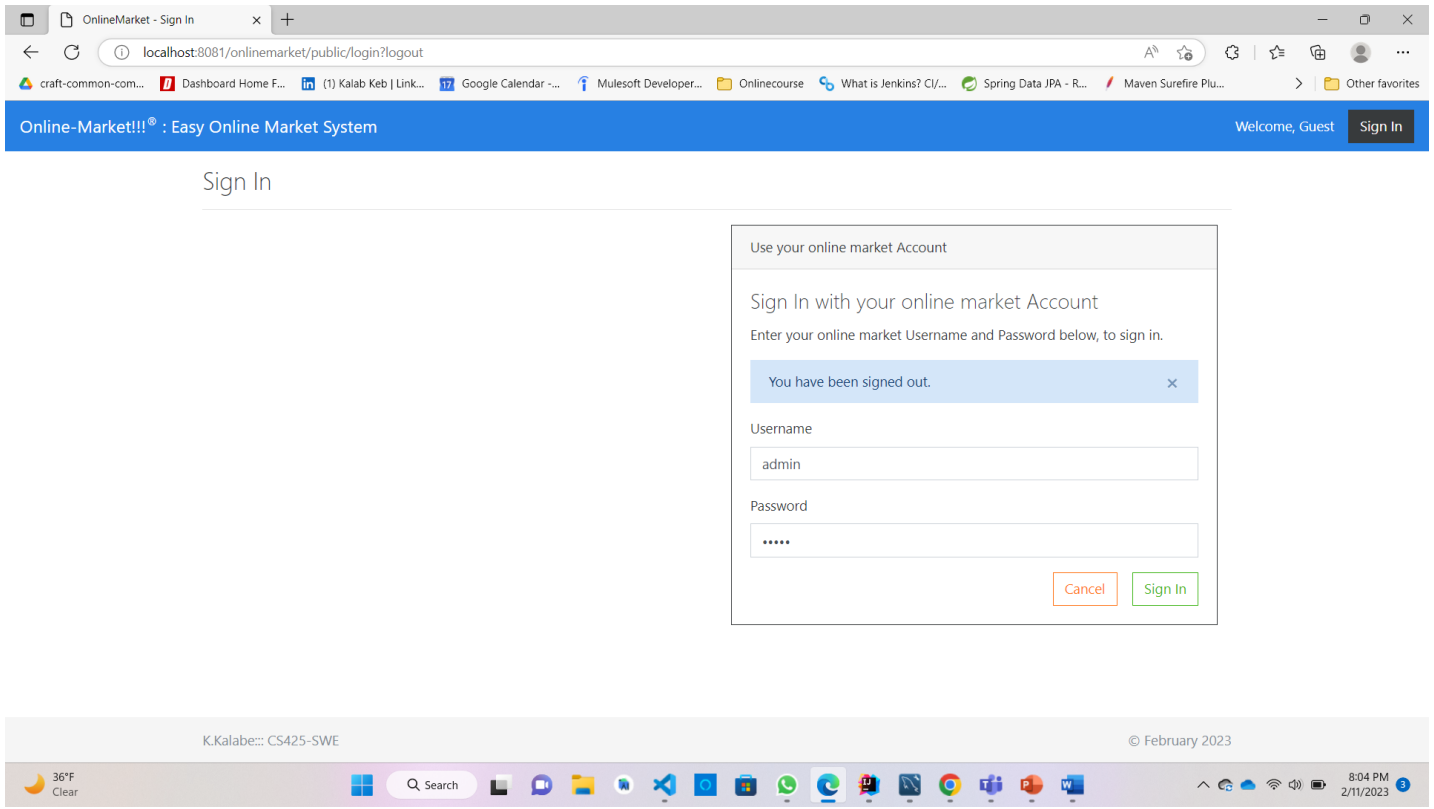


Solution architecture Diagram:

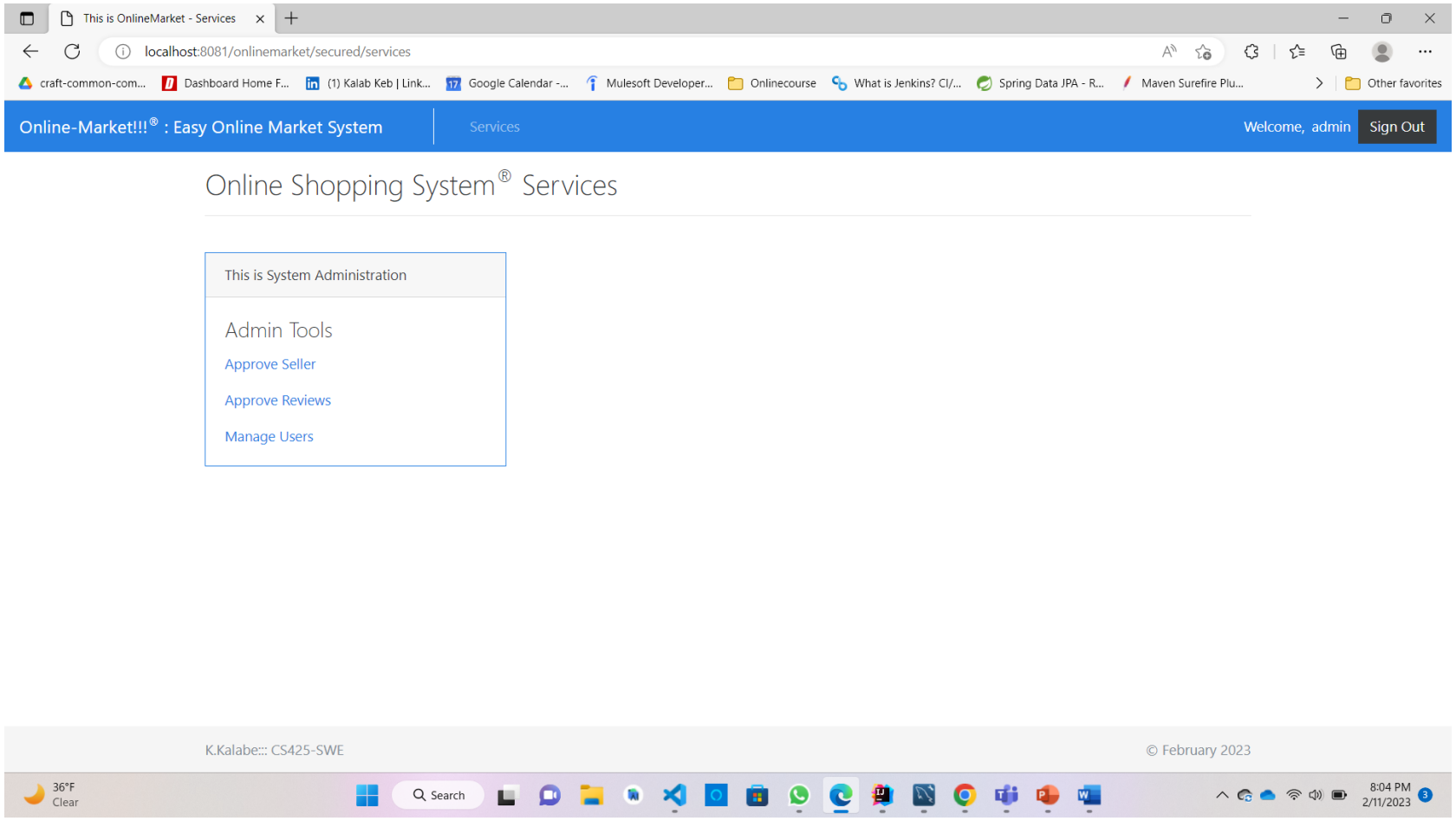


FROMNT THE END DEMO FOR THE PROJECT

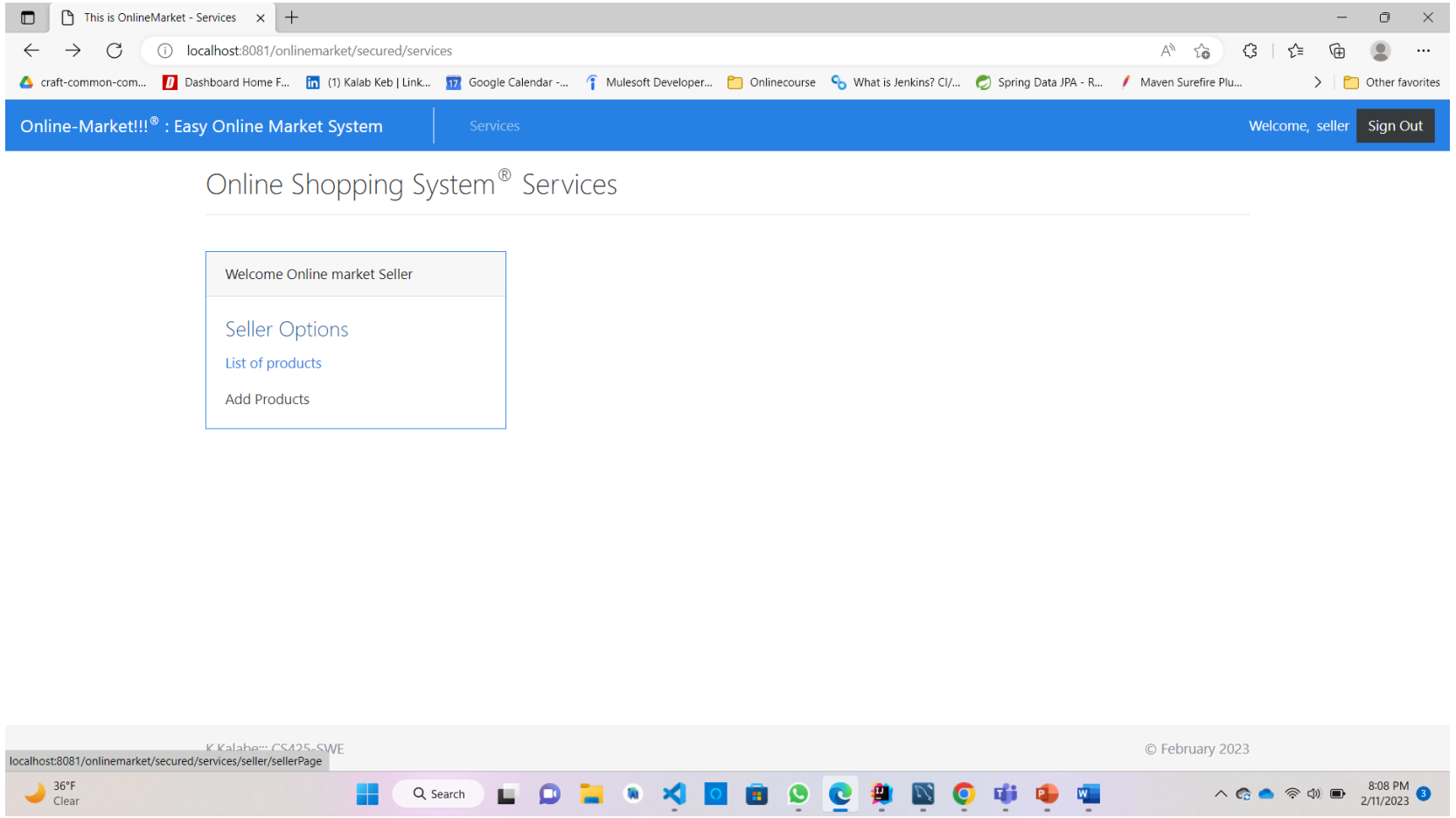
LOG IN PAGE


OnlineMarket - Sign In
localhost:8081/onlinemarket/public/login?logout
craft-common-com...
Dashboard Home F...
(1) Kalab Keb | Link...
Google Calendar -...
Mulesoft Developer...
Onlinecourse
What is Jenkins? CI/...
Spring Data JPA - R...
Maven Surefire Plu...
Other favorites
Online-Market!!!® : Easy Online Market System
Welcome, Guest
Sign In
Sign In
Use your online market Account
Sign In with your online market Account
Enter your online market Username and Password below, to sign in.
You have been signed out.
Username
admin
Password
Cancel
Sign In
K.Kalabe::: CS425-SWE
© February 2023
36°F
Clear
Search
8:04 PM
2/11/2023

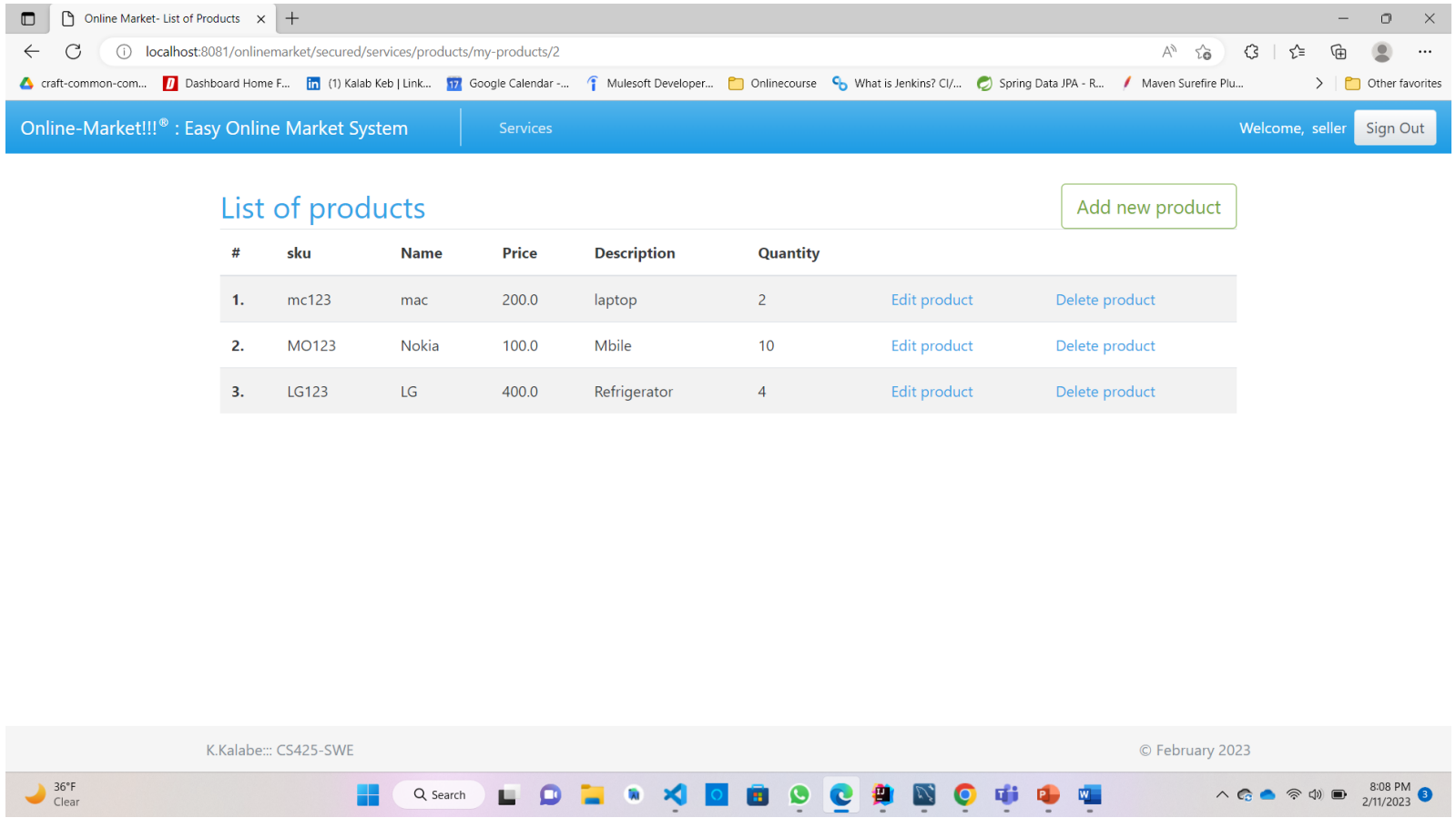
ADMIN PAGE


This is OnlineMarket - Services
localhost:8081/onlinemarket/secured/services
craft-common-com...
Dashboard Home F...
(1) Kalab Keb | Link...
Google Calendar -...
Mulesoft Developer...
Onlinecourse
What is Jenkins? CI/...
Spring Data JPA - R...
Maven Surefire Plu...
Other favorites
Online-Market!!!® : Easy Online Market System
Services
Welcome, admin
Sign Out
Online Shopping System® Services
This is System Administration
Admin Tools
Approve Seller
Approve Reviews
Manage Users
K.Kalabe::: CS425-SWE
© February 2023
36°F
Clear
Search
8:04 PM
2/11/2023

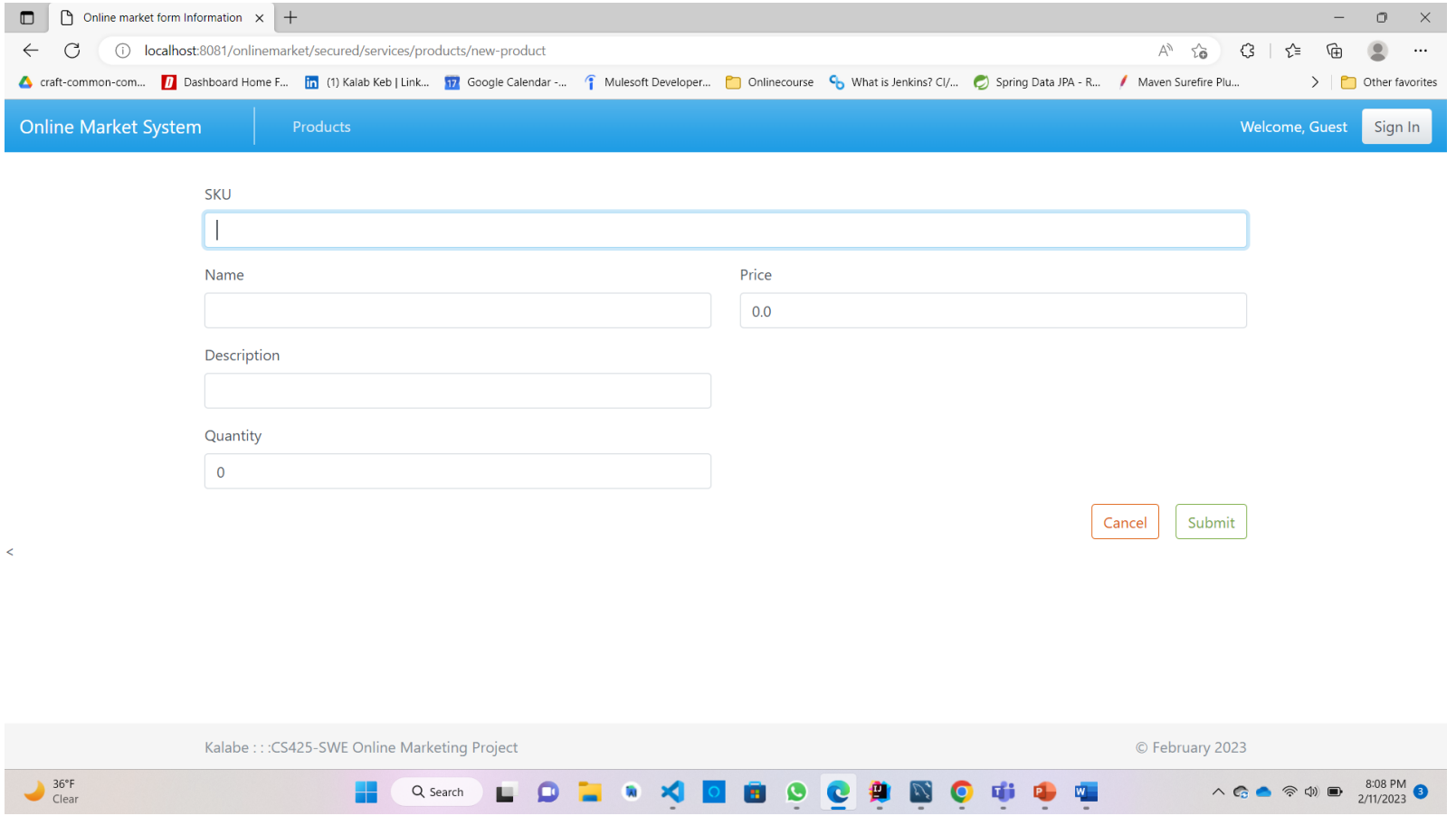
SELLER PAGE


This is OnlineMarket - Services
localhost:8081/onlinemarket/secured/services
craft-common-com...
Dashboard Home F...
(1) Kalab Keb | Link...
Google Calendar -...
Mulesoft Developer...
Onlinecourse
What is Jenkins? CI/...
Spring Data JPA - R...
Maven Surefire Plu...
Other favorites
Online-Market!!!® : Easy Online Market System
Services
Welcome, seller
Sign Out
Online Shopping System® Services
Welcome Online market Seller
Seller Options
List of products
Add Products
© February 2023
localhost:8081/onlinemarket/secured/services/seller/sellerPage
36°F
Clear
Search
8:08 PM
2/11/2023

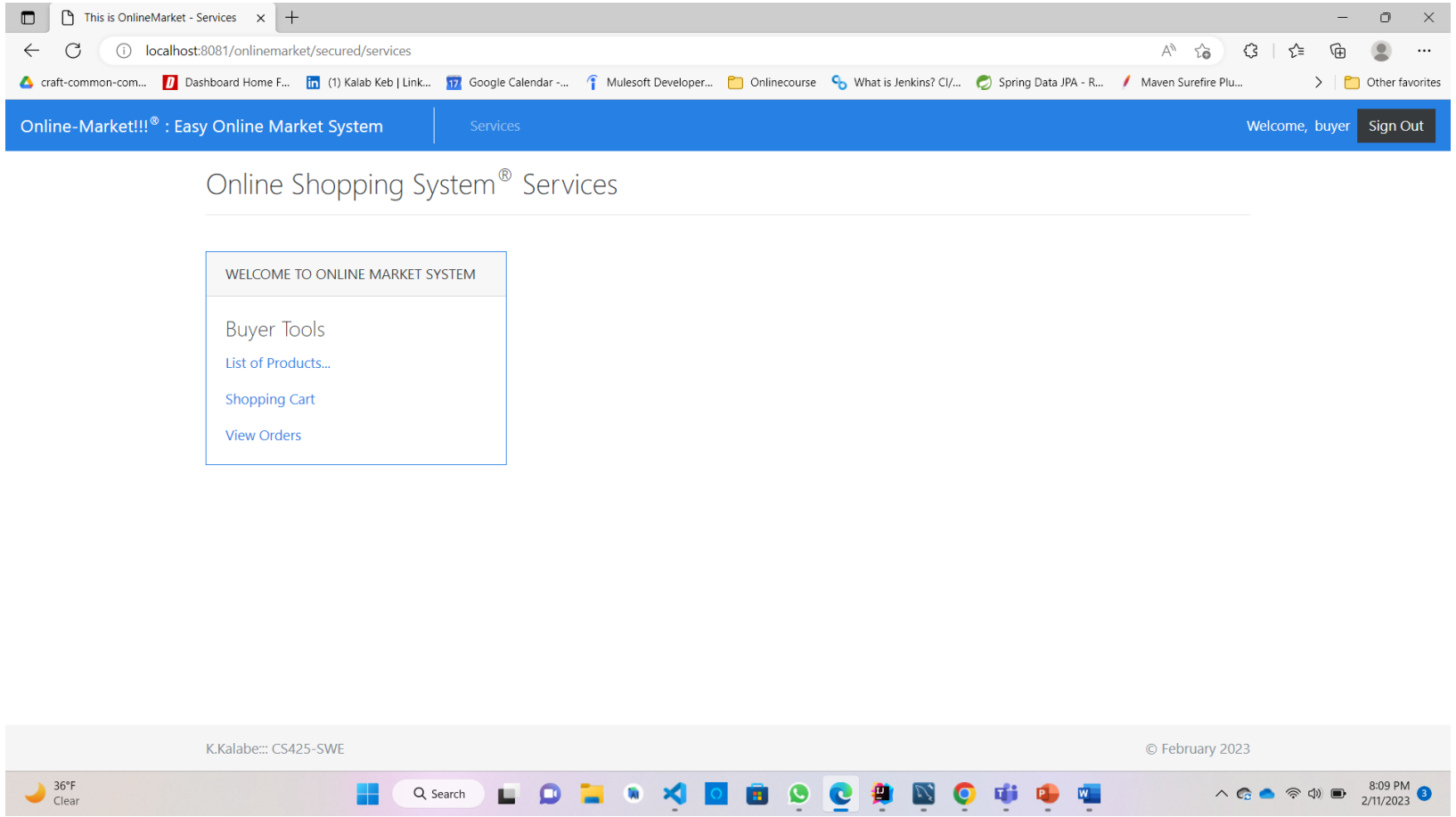
SELLER'S LIST OF PRODUCTS



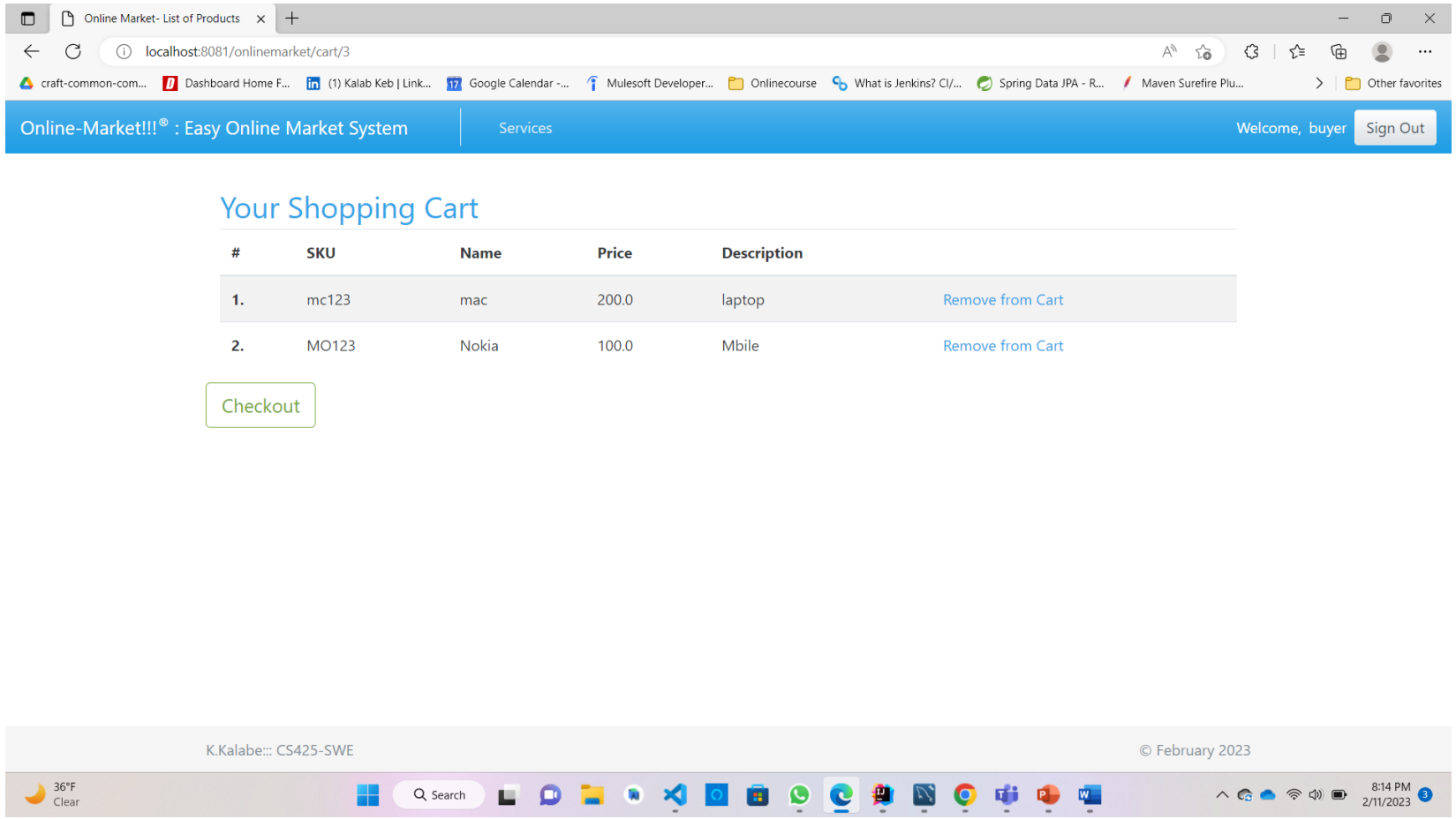
ADD PRODUCT


Online market form Information
localhost:8081/onlinemarket/secured/services/products/new-product
craft-common-com...
Dashboard Home F...
(1) Kalab Keb | Link...
Google Calendar -...
Mulesoft Developer...
Onlinecourse
What is Jenkins? CI/...
Spring Data JPA - R...
Maven Surefire Plu...
Other favorites
Online Market System
Products
Welcome, Guest
Sign In
SKU
Name
Price
0.0
Description
Quantity
0
Cancel
Submit
Kalabe : : :CS425-SWE Online Marketing Project
© February 2023
36°F
Clear
Search
8:08 PM
2/11/2023

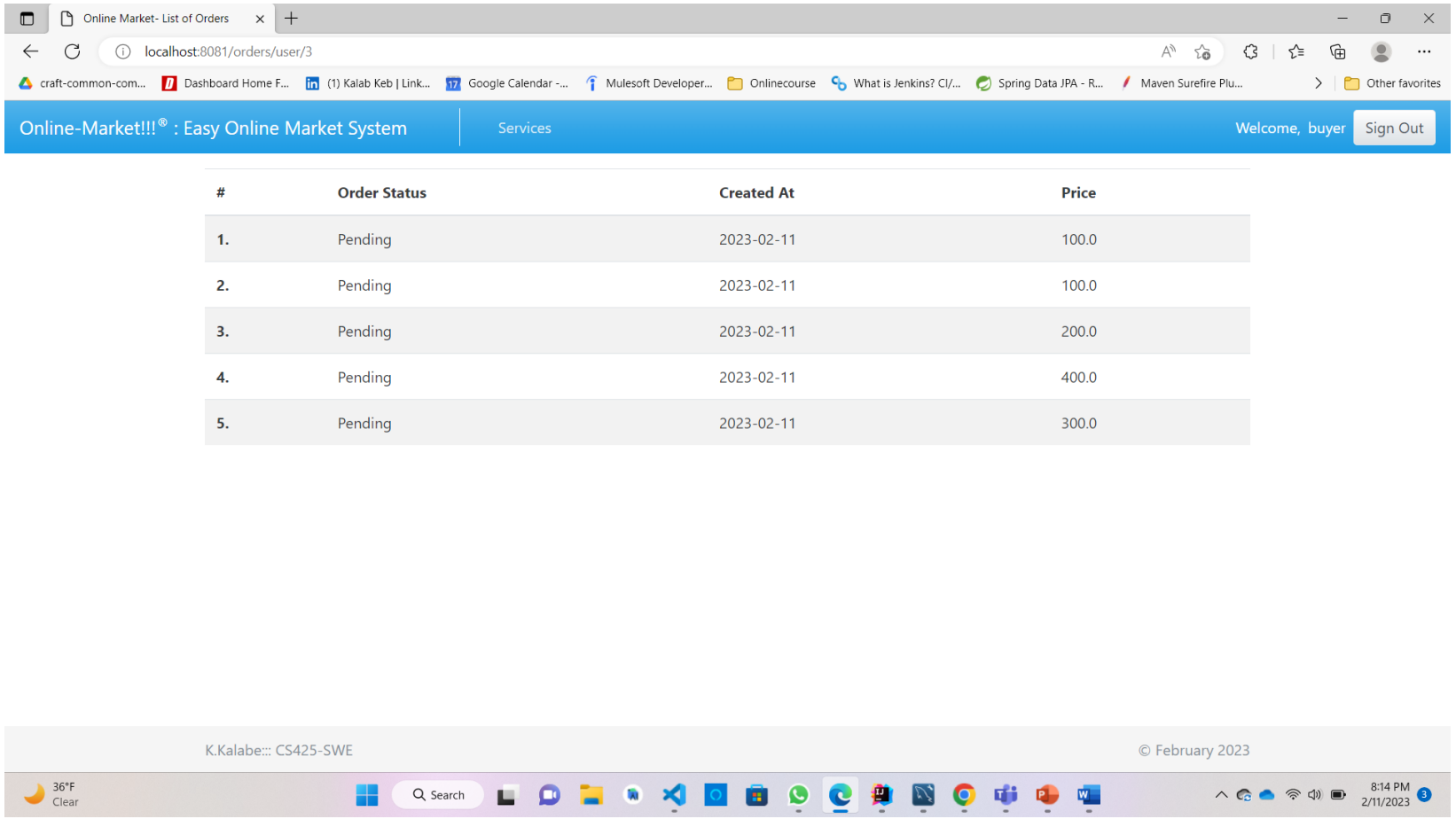
BUYER PAGE


This is OnlineMarket - Services
localhost:8081/onlinemarket/secured/services
craft-common-com...
Dashboard Home F...
(1) Kalab Keb | Link...
Google Calendar -...
Mulesoft Developer...
Onlinecourse
What is Jenkins? CI/...
Spring Data JPA - R...
Maven Surefire Plu...
Other favorites
Online-Market!!!® : Easy Online Market System
Services
Welcome, buyer
Sign Out
Online Shopping System® Services
WELCOME TO ONLINE MARKET SYSTEM
Buyer Tools
List of Products...
Shopping Cart
View Orders
K.Kalabe::: CS425-SWE
© February 2023
36°F
Clear
Search
8:09 PM
2/11/2023

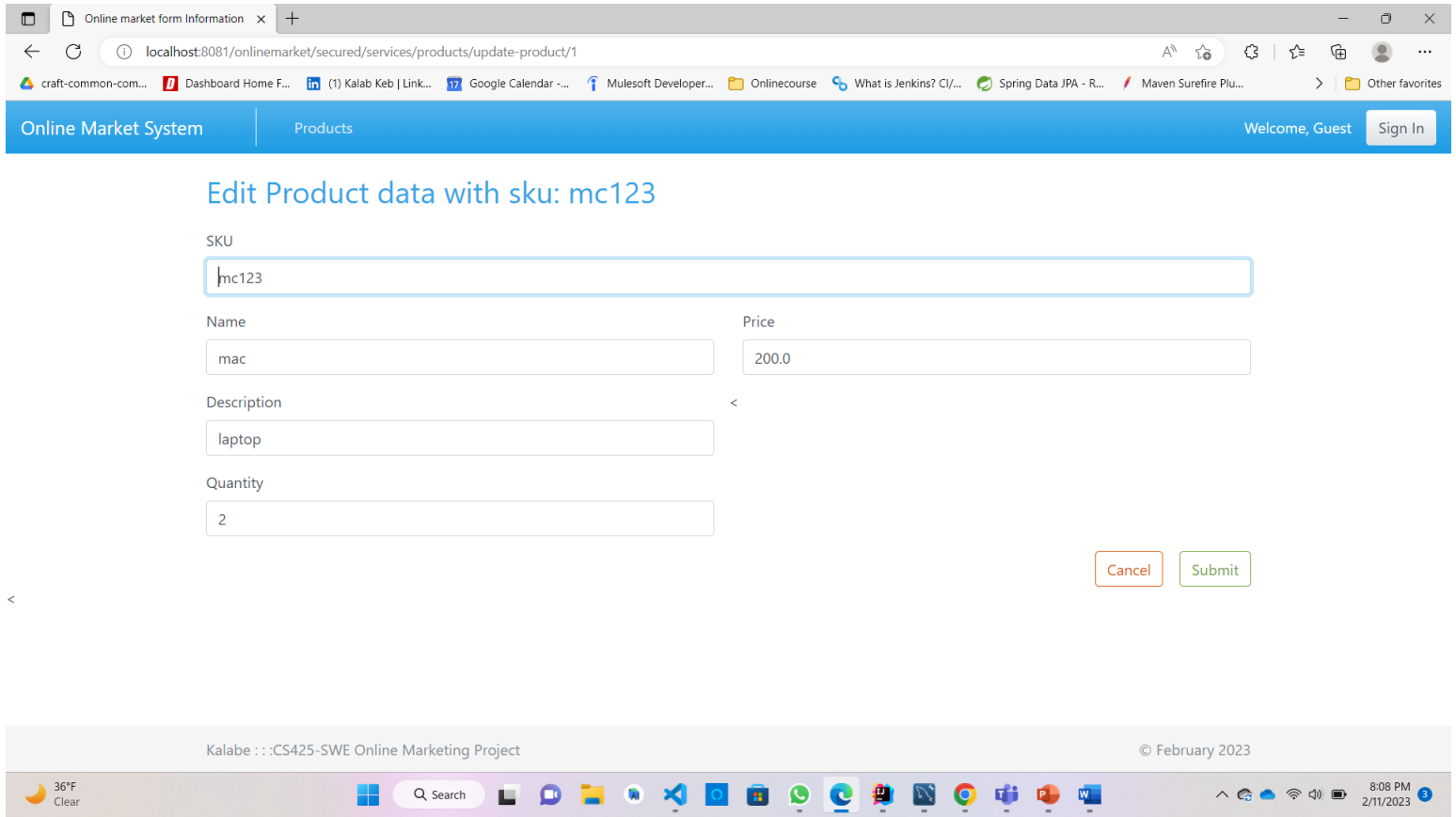
BUYER'S CART PAGE



ORDERED PAGE



EDIT PRODUCT



This elevated state of consciousness is said to bring about benefits such as reduced stress, improved mental clarity, and greater inner peace and happiness. By fostering this state of awareness and inner peace, it is thought that individuals may be able to access a higher level of consciousness and experience a deeper understanding of the world and their place in it. The relationship between Transcendental Meditation (TM) and online marketing systems is indirect. While TM itself is not directly related to online marketing, the practices and principles of TM can potentially benefit individuals involved in online marketing by improving their overall well-being and reducing stress, leading to improved focus and productivity.

THE END
CS425 – FEBRUARY, 2023