

FLOWER SHOP

## Software Design Specification

#### – Hanoi, November 2022 –

**RECORD OF CHANGES**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **A\* M, D** | **Name** | **Change Description** |
| 09/11/2022 | A | Trần Đình Hiếu | add form , screen, add class diagram |
| 09/11/2022 | M | Nguyễn Tường Phước | describe the functions of each screen |
| 09/11/2022 | D | Lê Quang Duy | delete database, edit database |
| 09/11/2022 | D | Lê Hoàng Dương | delete screen |
| 9/11/2022 | A | Đoàn Văn Đông | edit database, add class diagram |

\*A - Added M - Modified D - Deleted

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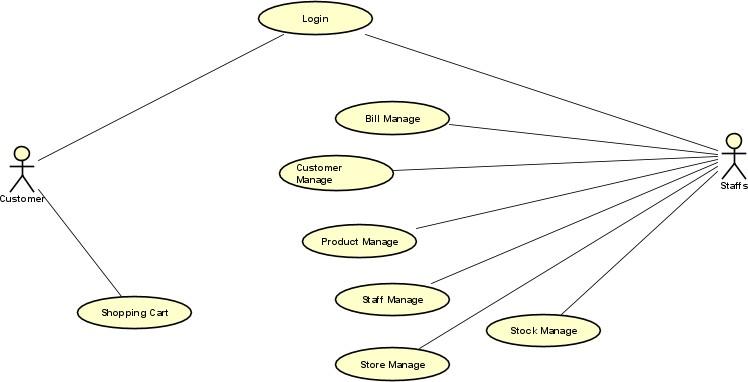
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# Overview

## 1 Introduction



*UseCase*

In order to make the house, office become beautiful and lively, decorations play an important role. For office workers, flowers help them relieve stress. As for housewives, flowers are decorative objects that make the house more beautiful and poetic. Sometimes playing with flowers is also an art. From the love of flowers, we bring to a website that sells flowers, in order to help people choose the kind of flowers they need to find without having to go far, ensuring safety, variety of flowers, designs, scent and function.

### 2. Code Packages (vẽ )

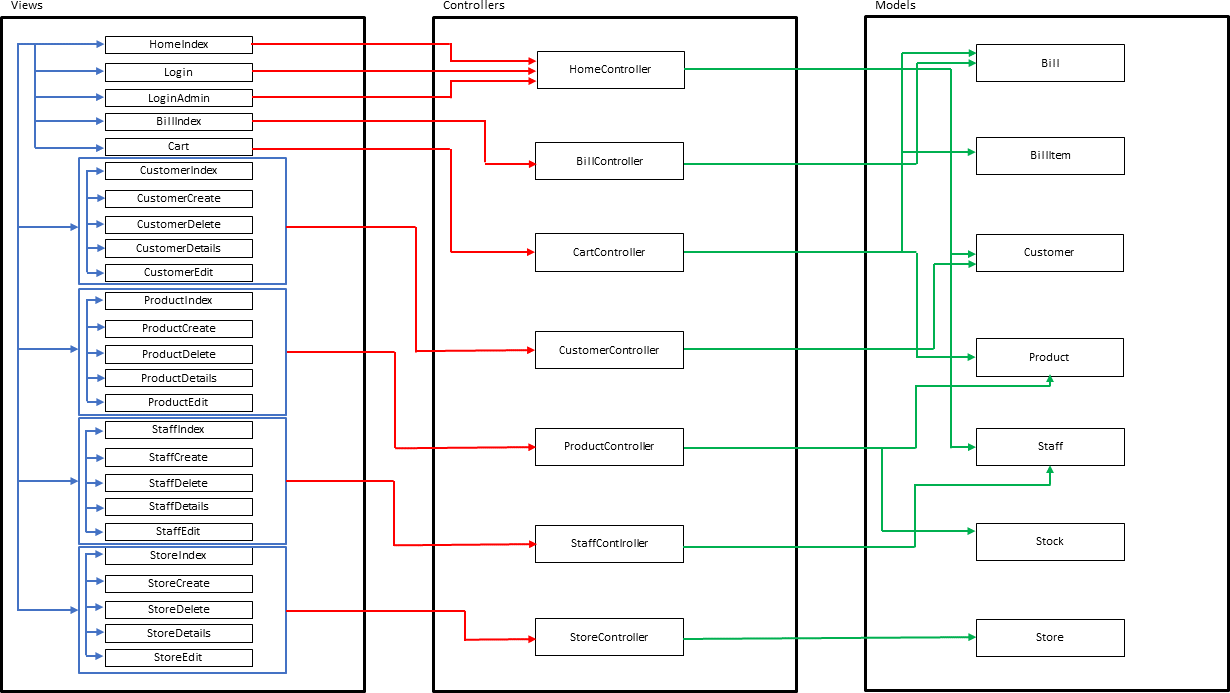
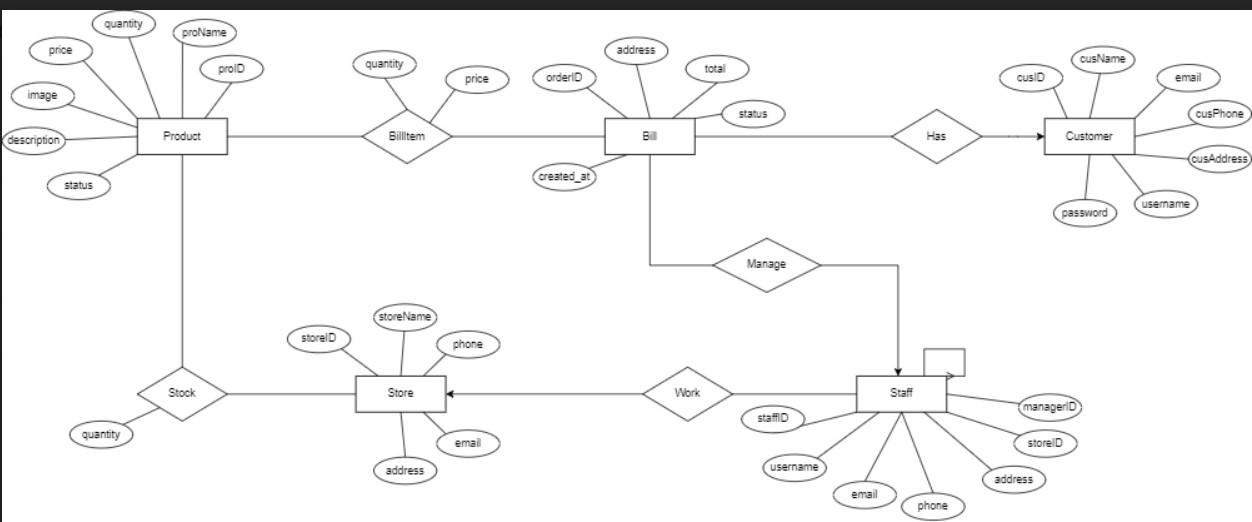


Figure 1.1.1: Code package

***Package descriptions & package class naming conventions***

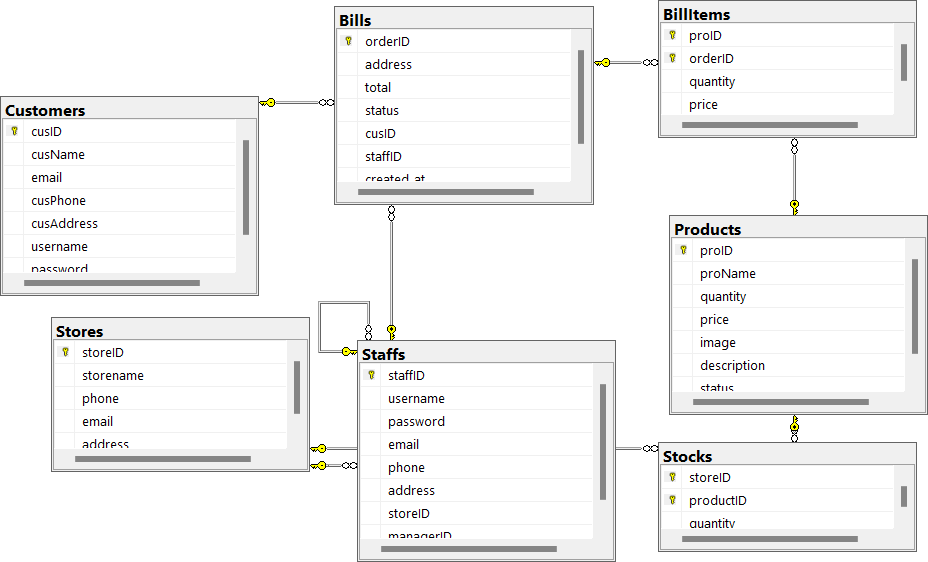
|  |  |  |
| --- | --- | --- |
| **No** | **Package** | **Description** |
| 01 | view | This package used to contain html/css/js file, besides is assets with image, logo,…  \*.jsp, \*.css, \*.js, … |
| 02 | controller | This package used to contain controller file. |
| 03 | model | This package used to contain model file. |

### Database Design



*ERD diagram*

* 1. ***Database Schema***



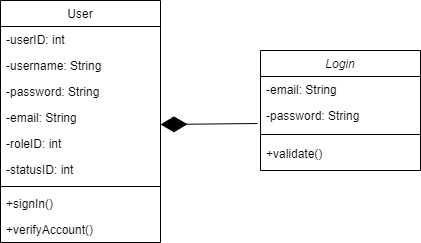
* 1. ***Table Description***

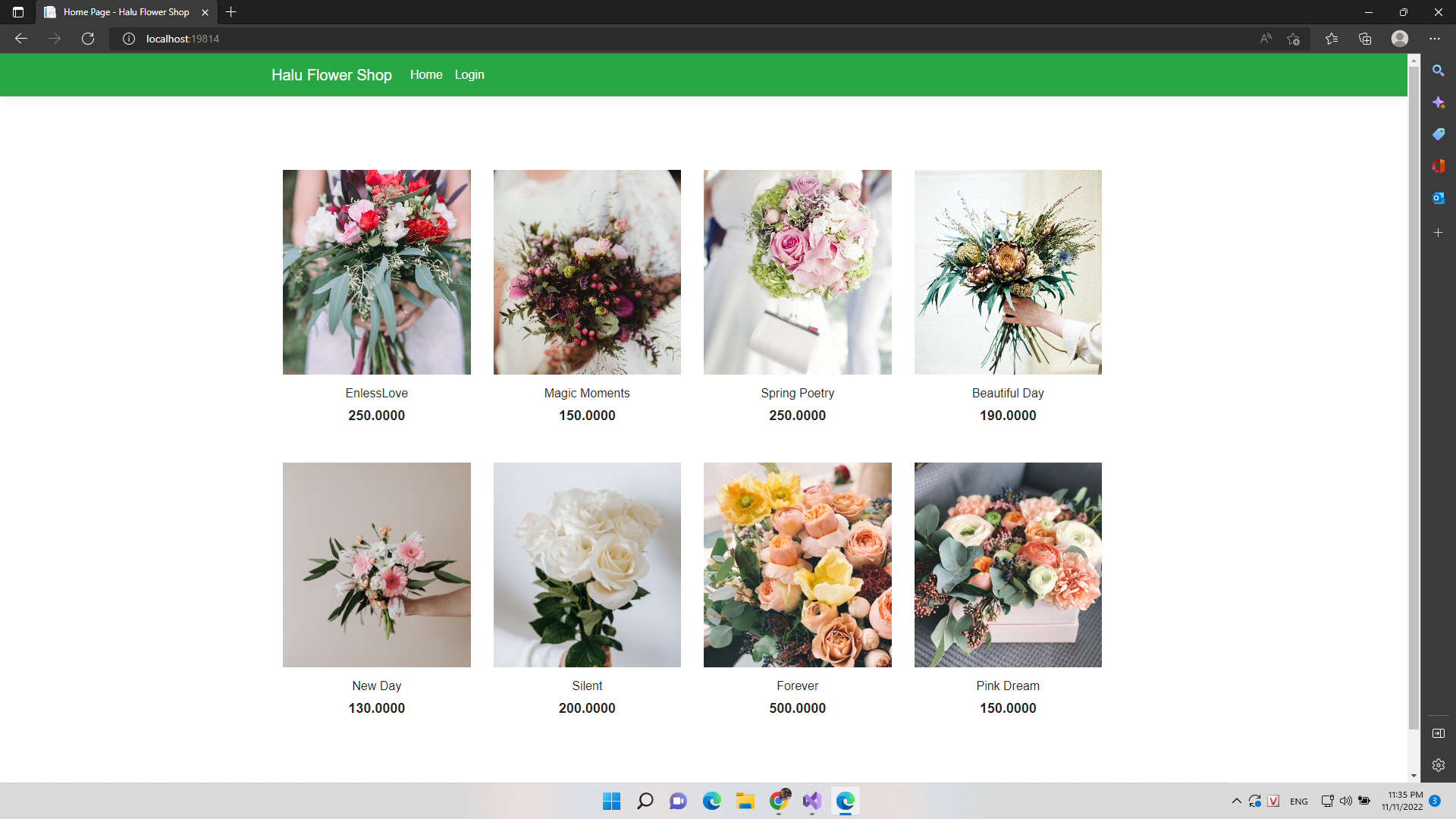
|  |  |  |
| --- | --- | --- |
| **No** | **Table** | **Description** |
| 01 | Customers | Save customer information |
| 02 | Bills | Display product information after being ordered, display bill, wait for confirmation |

|  |  |  |
| --- | --- | --- |
| 03 | BillItems | Products in the cart after being ordered |
| 04 | Store | Display information of stores, address and number of products |
| 05 | Staff | Managers of chain stores |
| 06 | Product | Information of product list |
| 07 | Stock | Number of products in stock |

# Code Designs

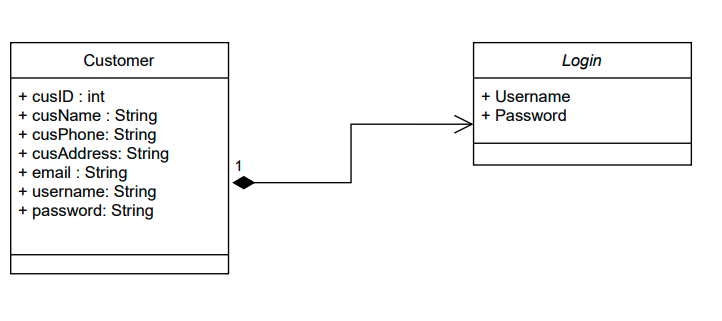
### Homepage

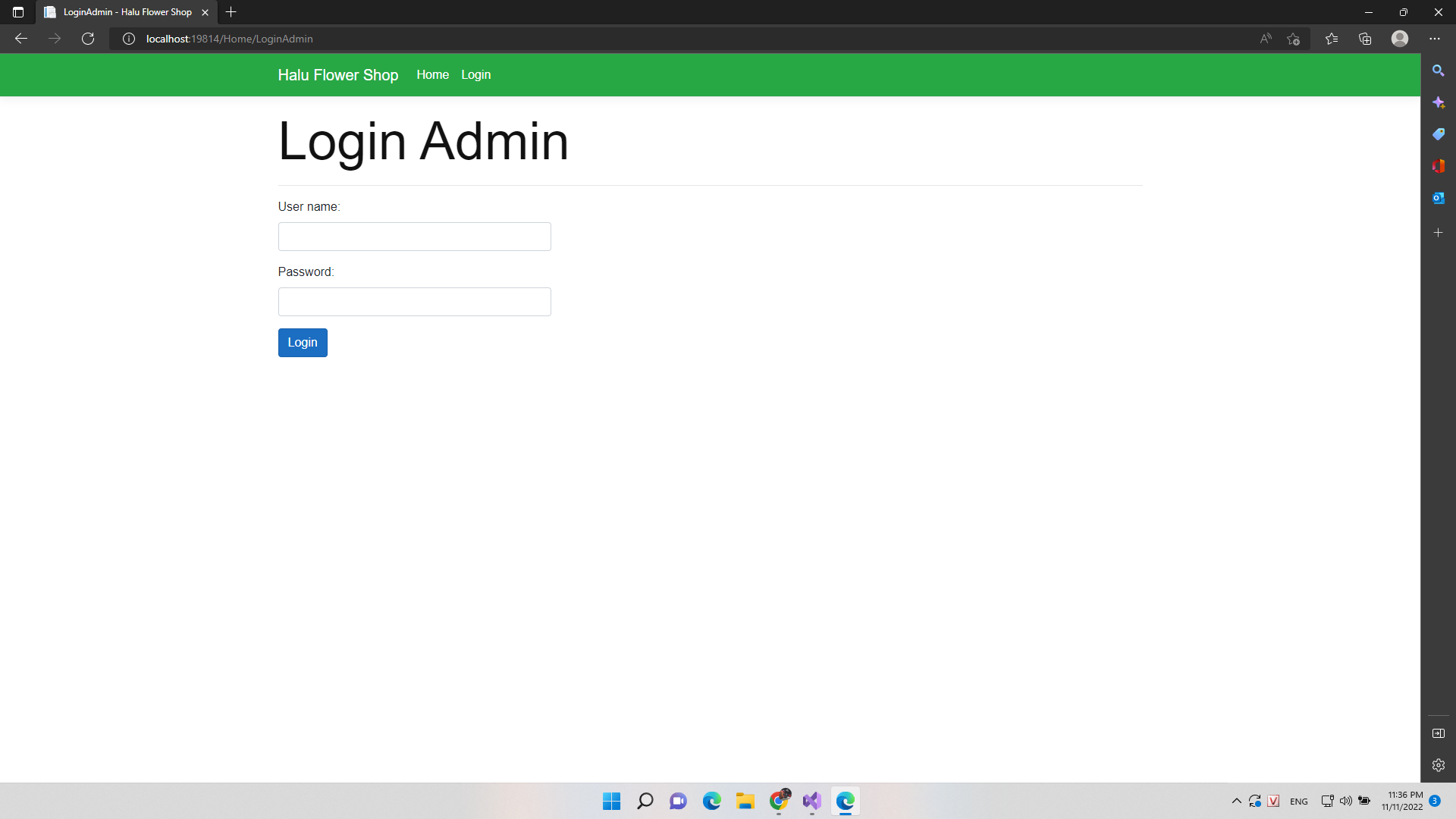
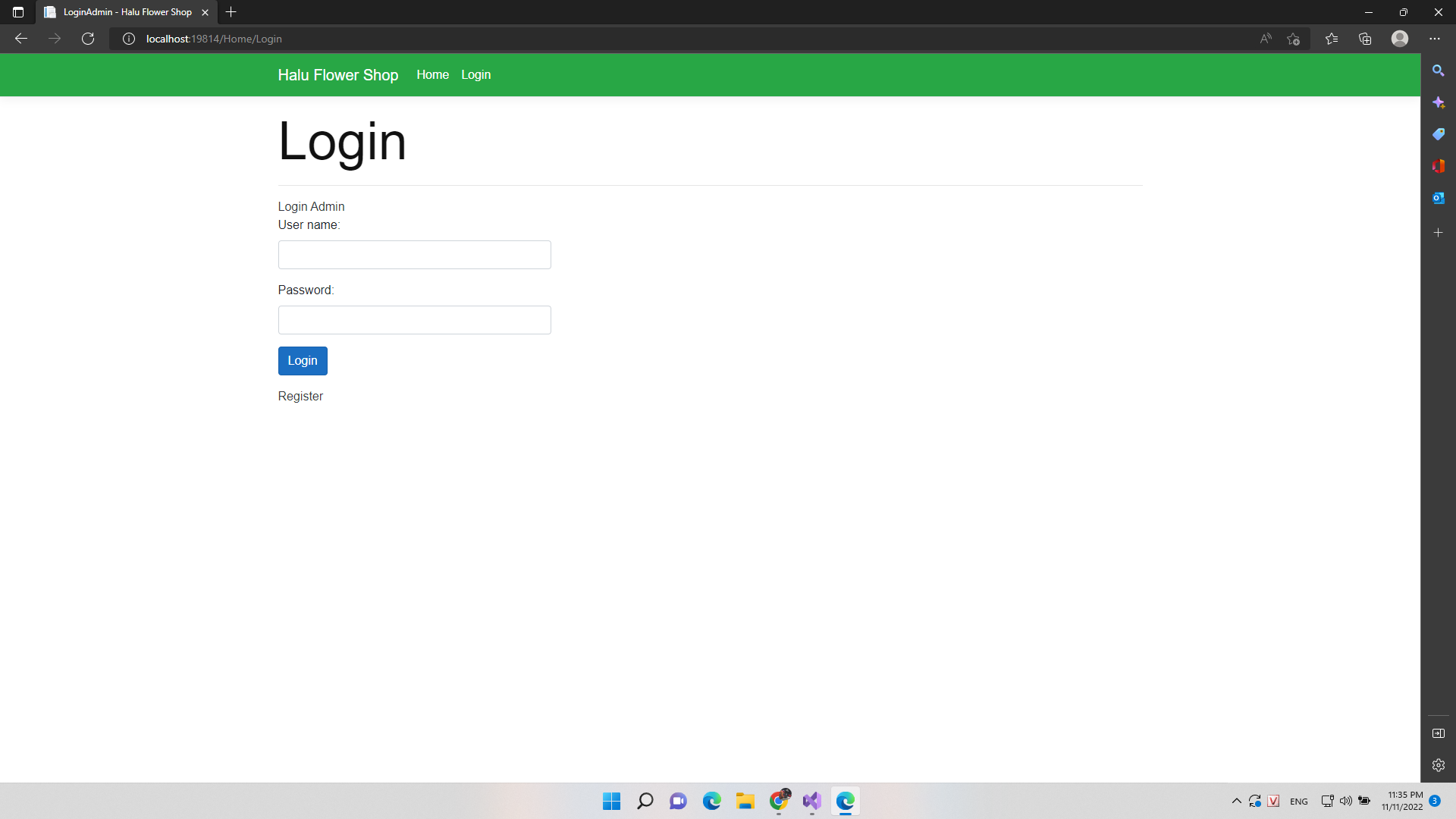
* 1. ***Class Diagram***

***Screen***

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### Login

* 1. ***Class Diagram***

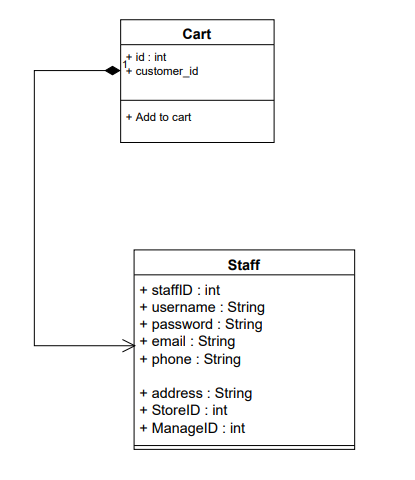
***Screen***

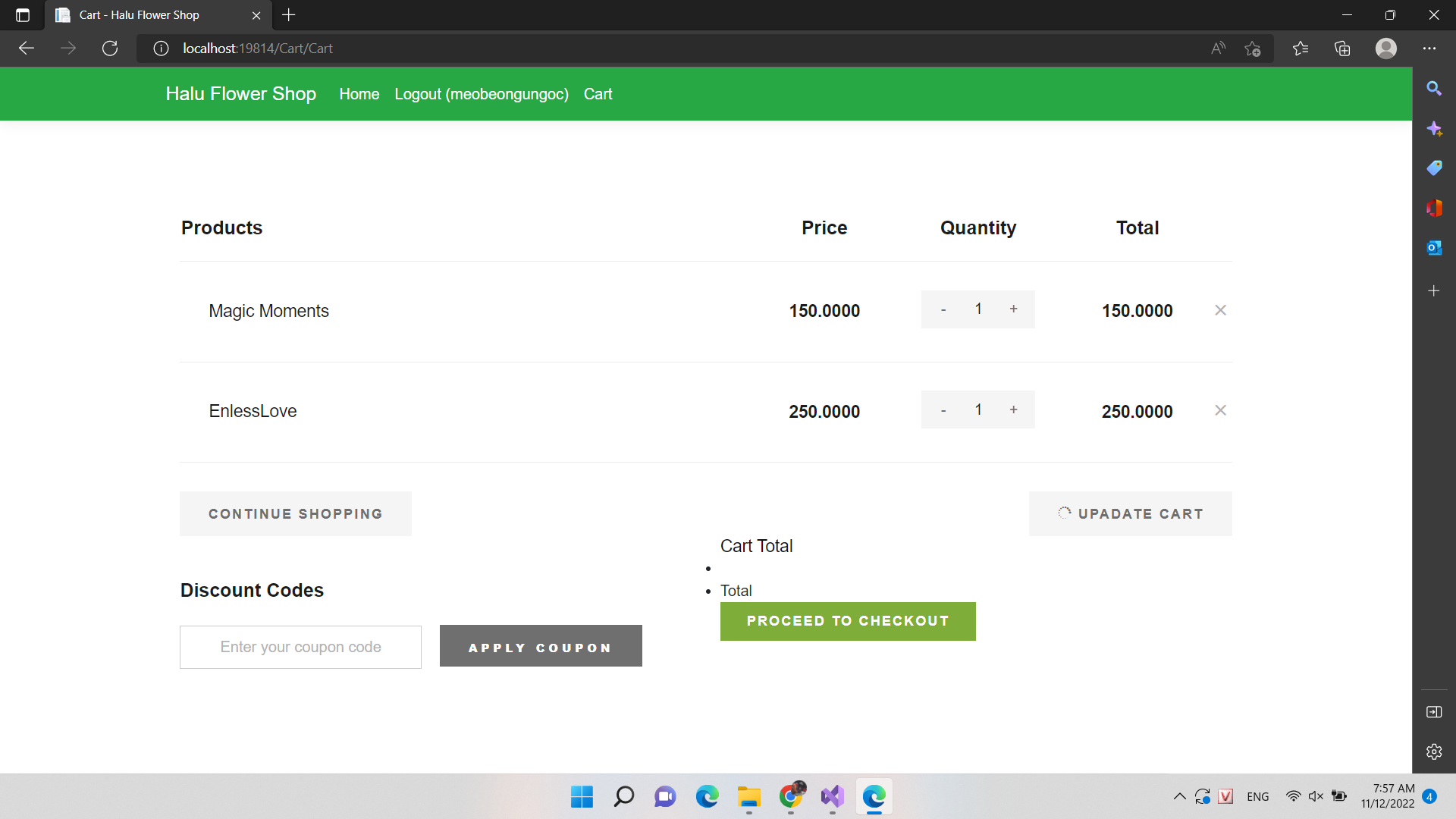
### Logout

***. Screen***

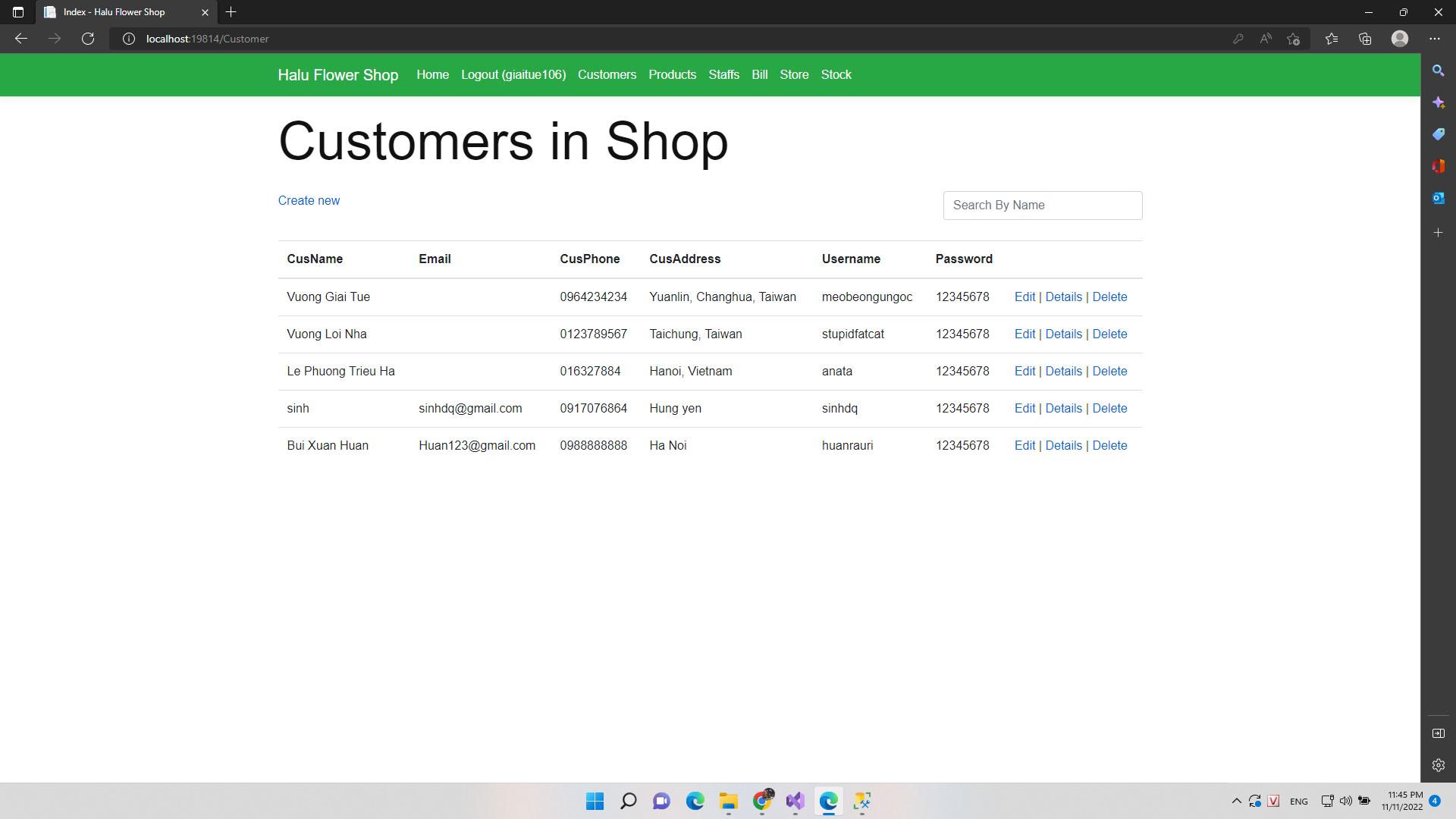
### Cart (Use for customer)

* 1. ***Class Diagram***

******

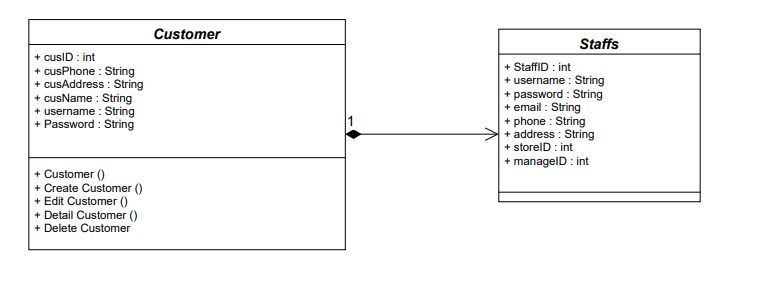
***Screen***

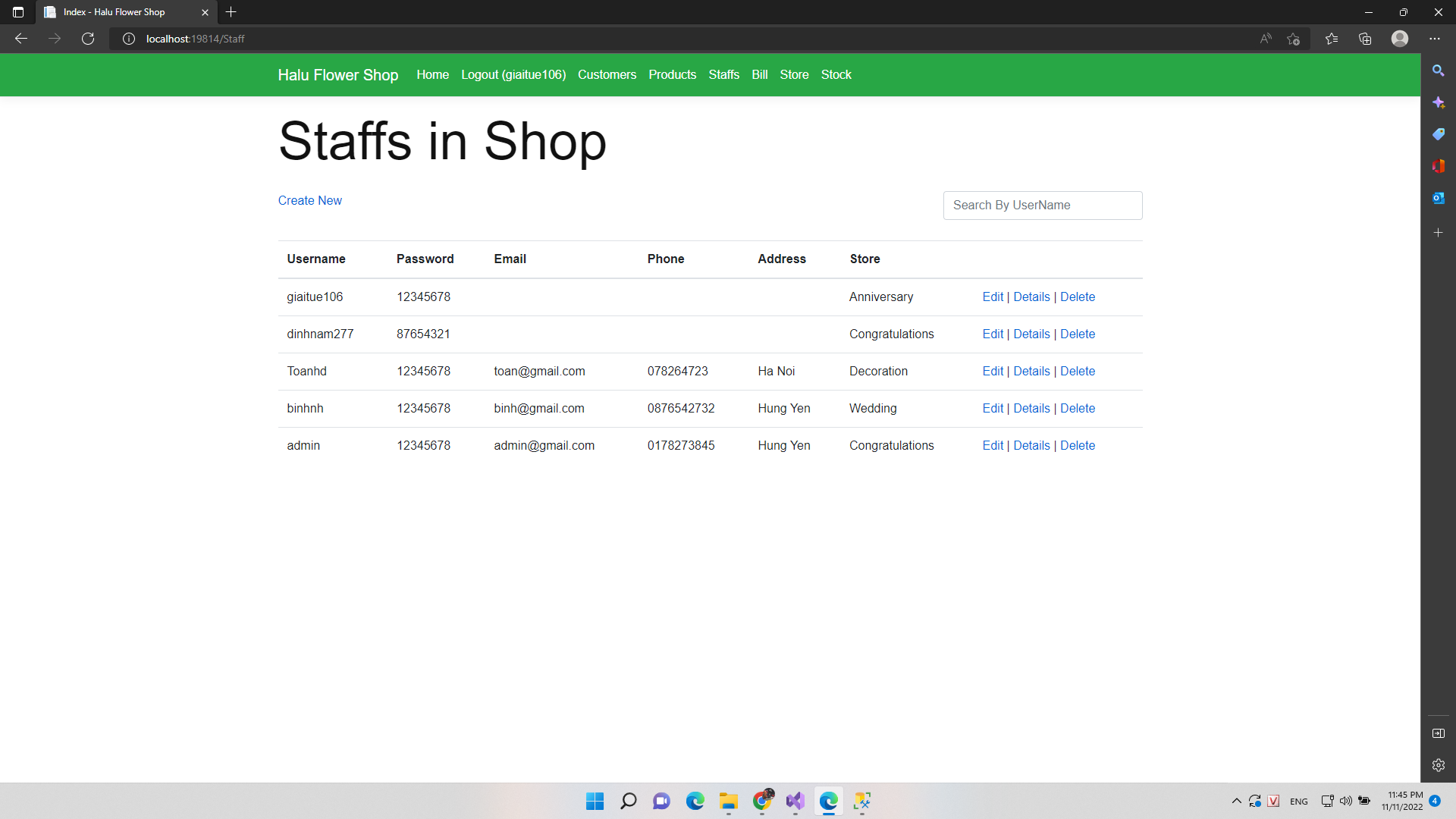
### Customer

* 1. ***Screen***

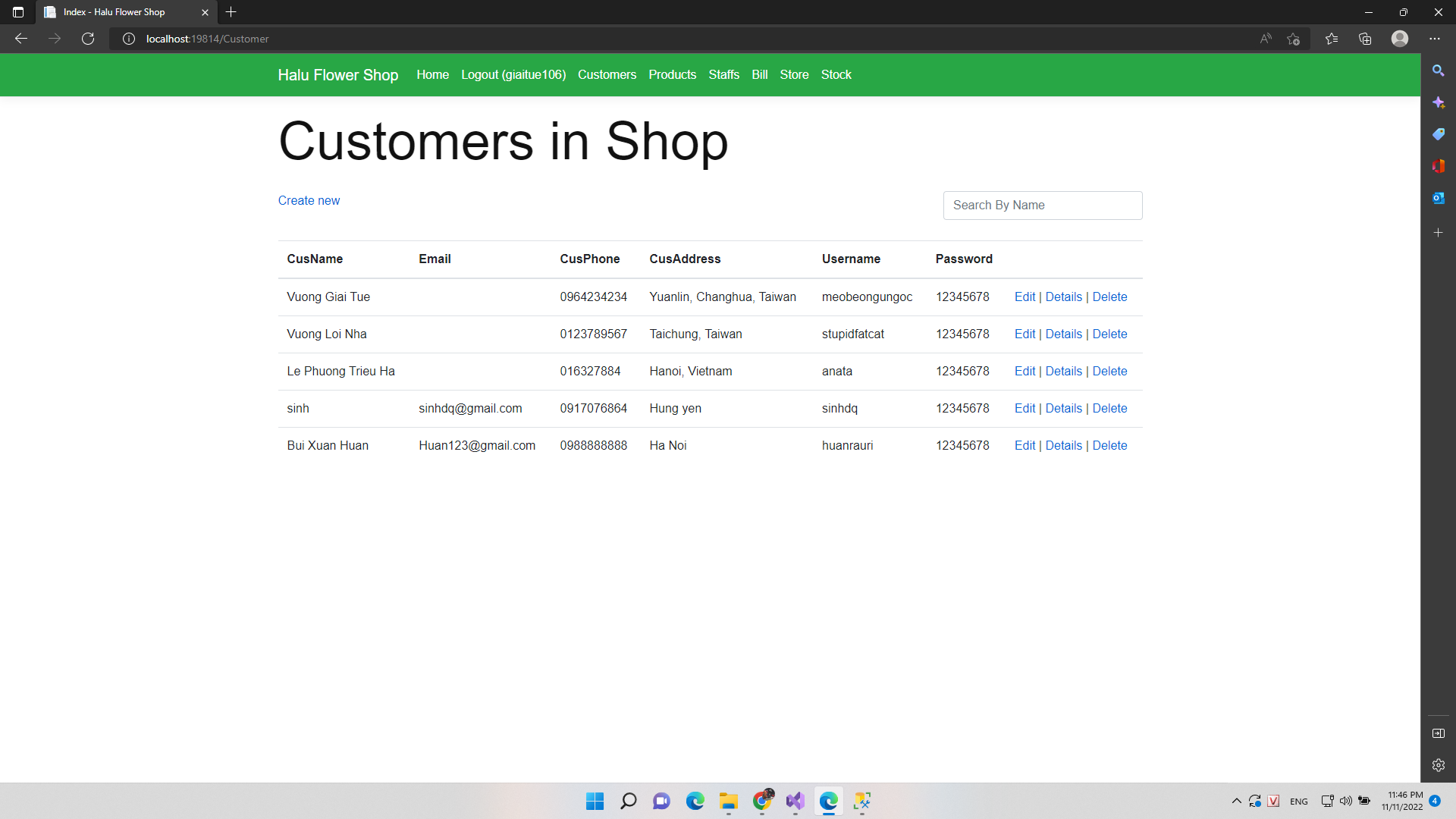
### Staff

* 1. ***Class Diagram***

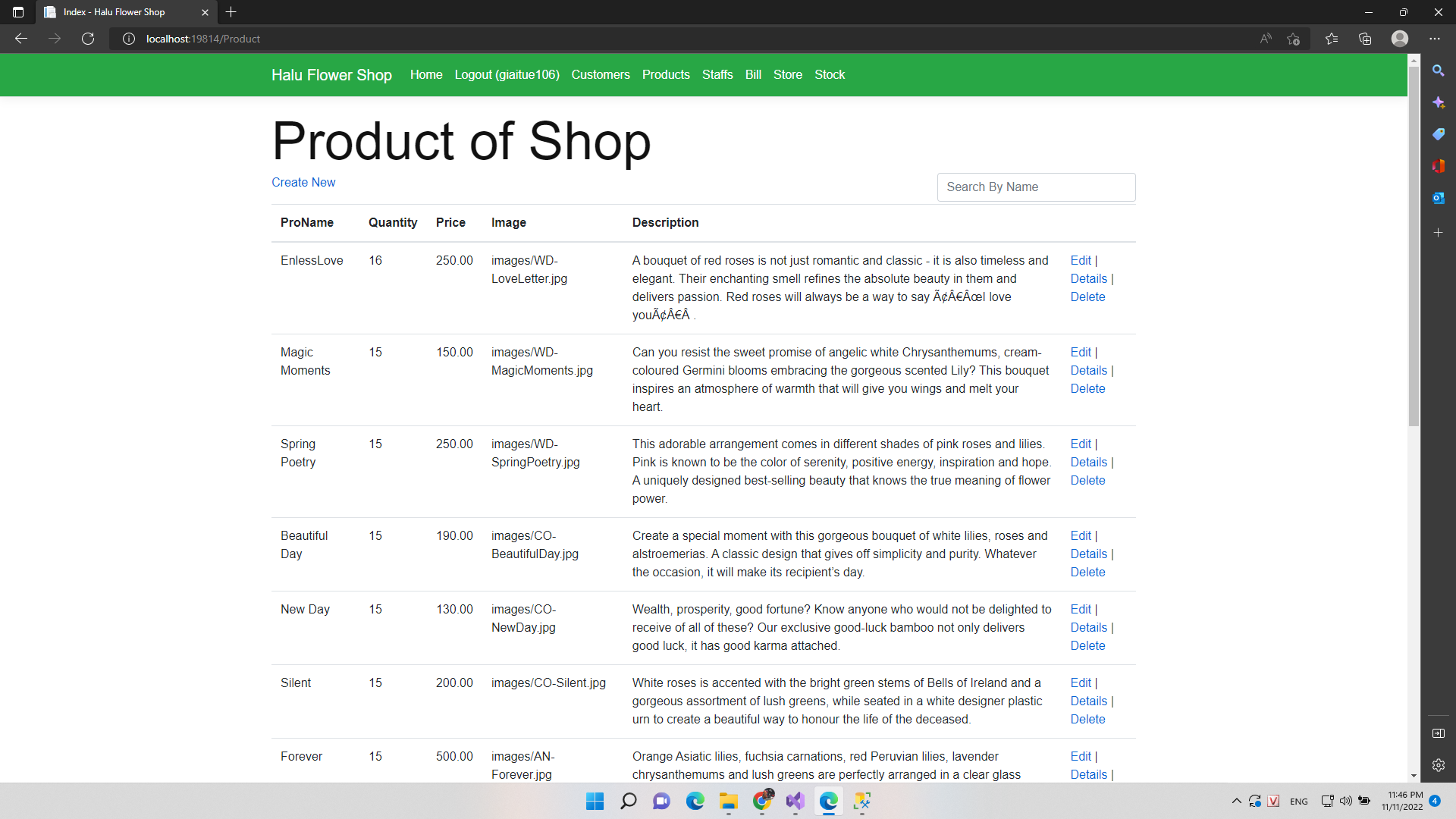
******

***Screen***

### Customer In Shop

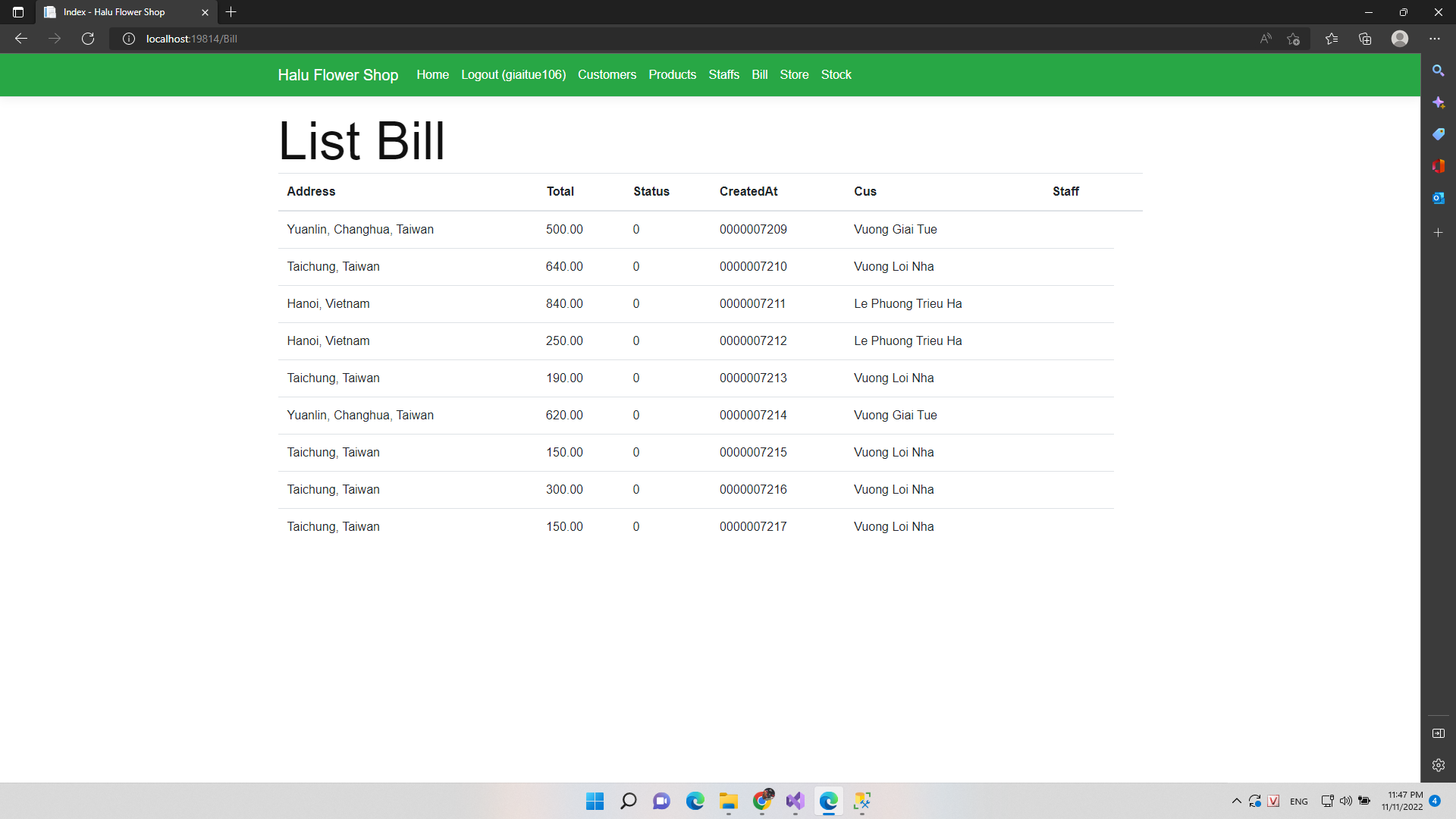
***. Screen***

### Product Of Shop

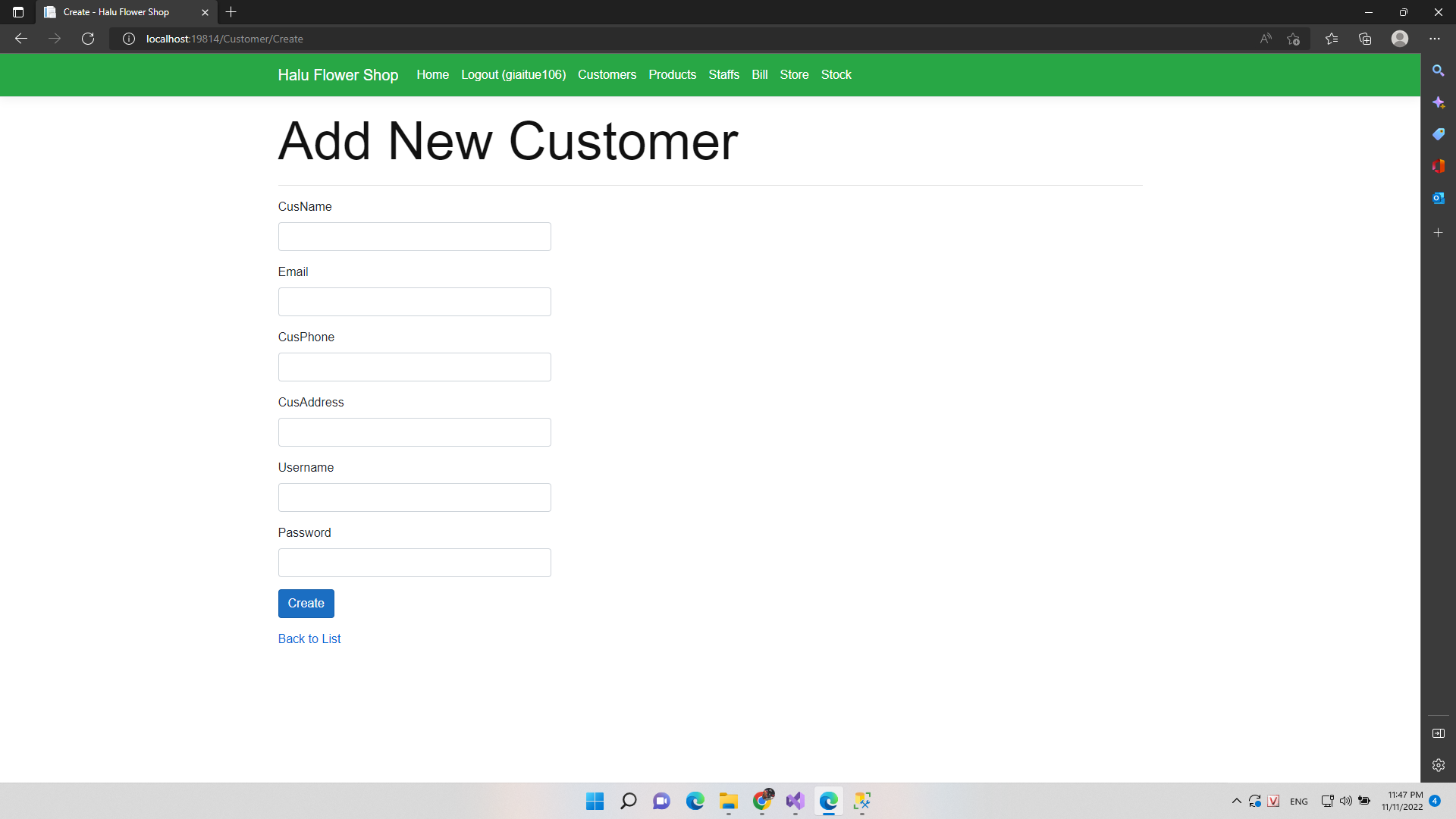
***Screen***

### List Bill

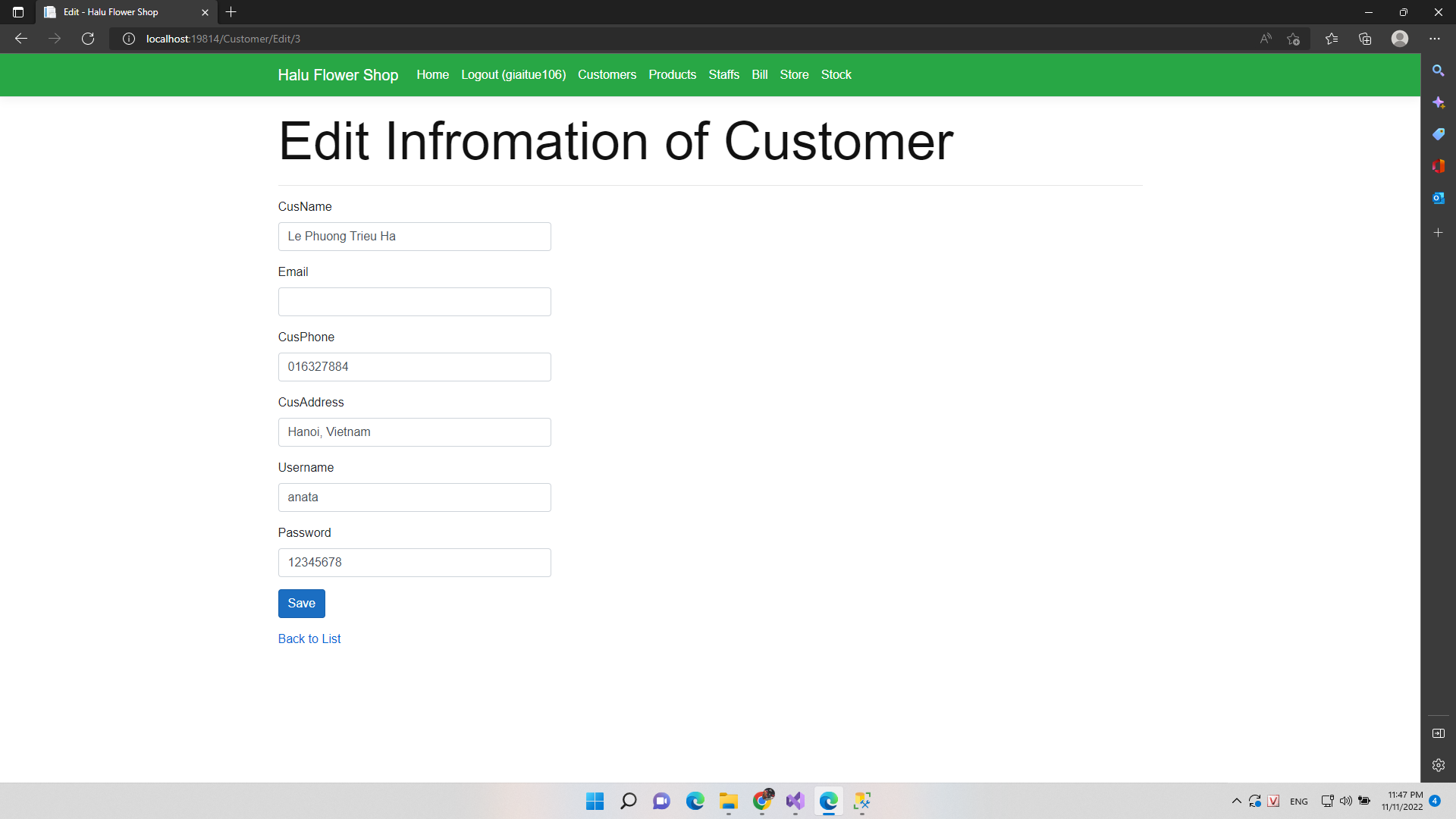
***c. Screen***



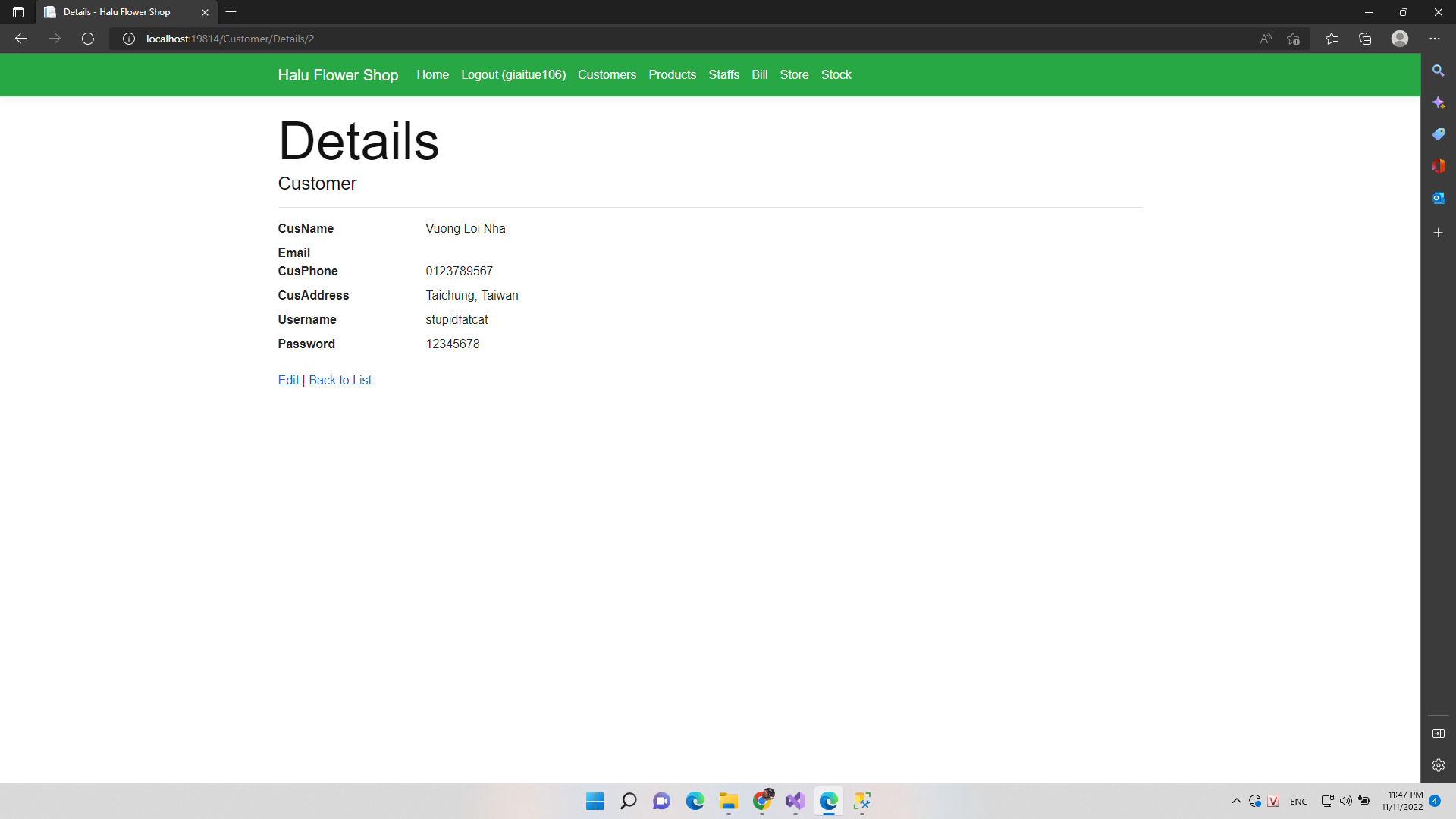
### Add New Customer

***. Screen***

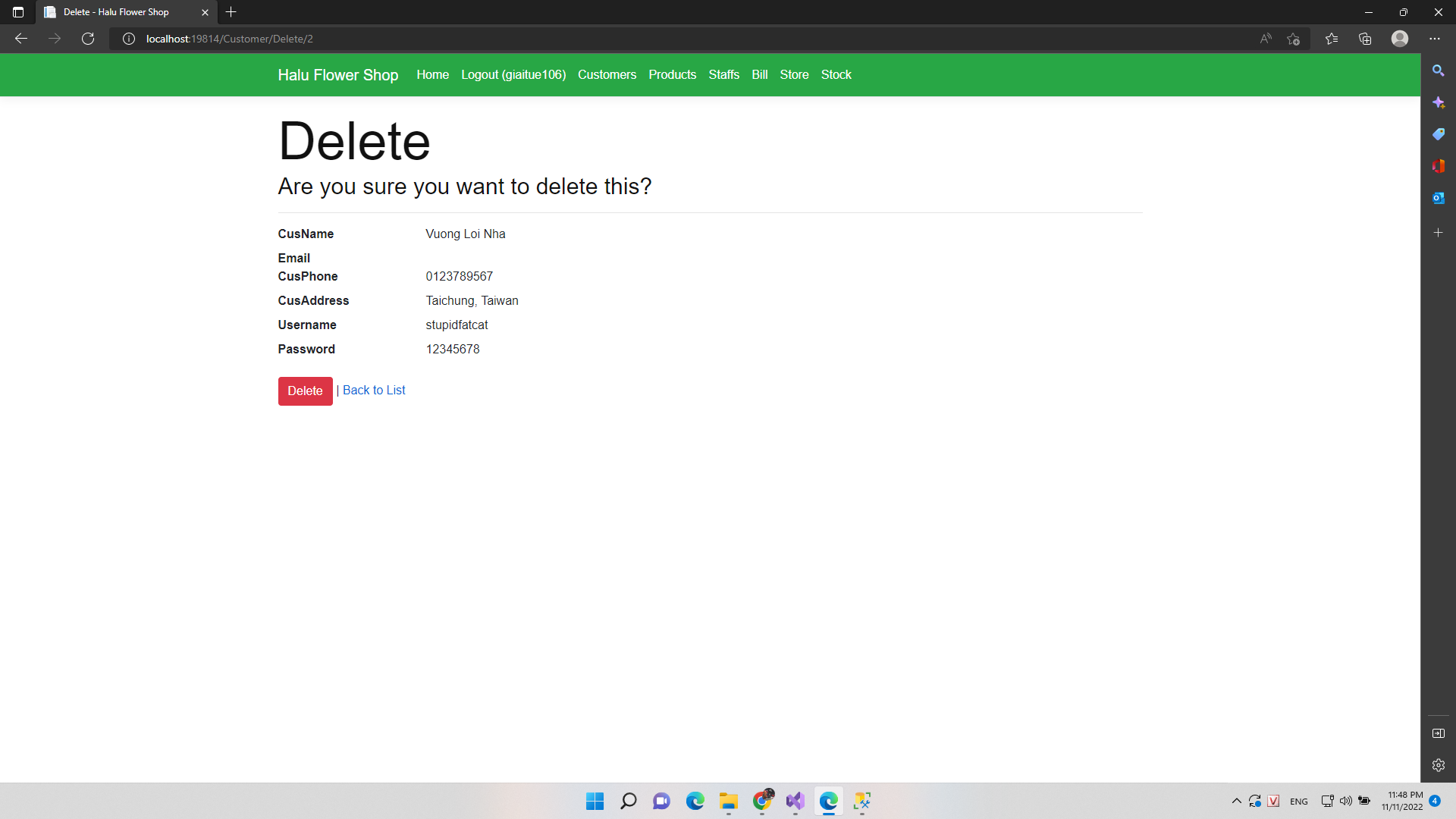
### Edit Information Of Customer

***. Screen***

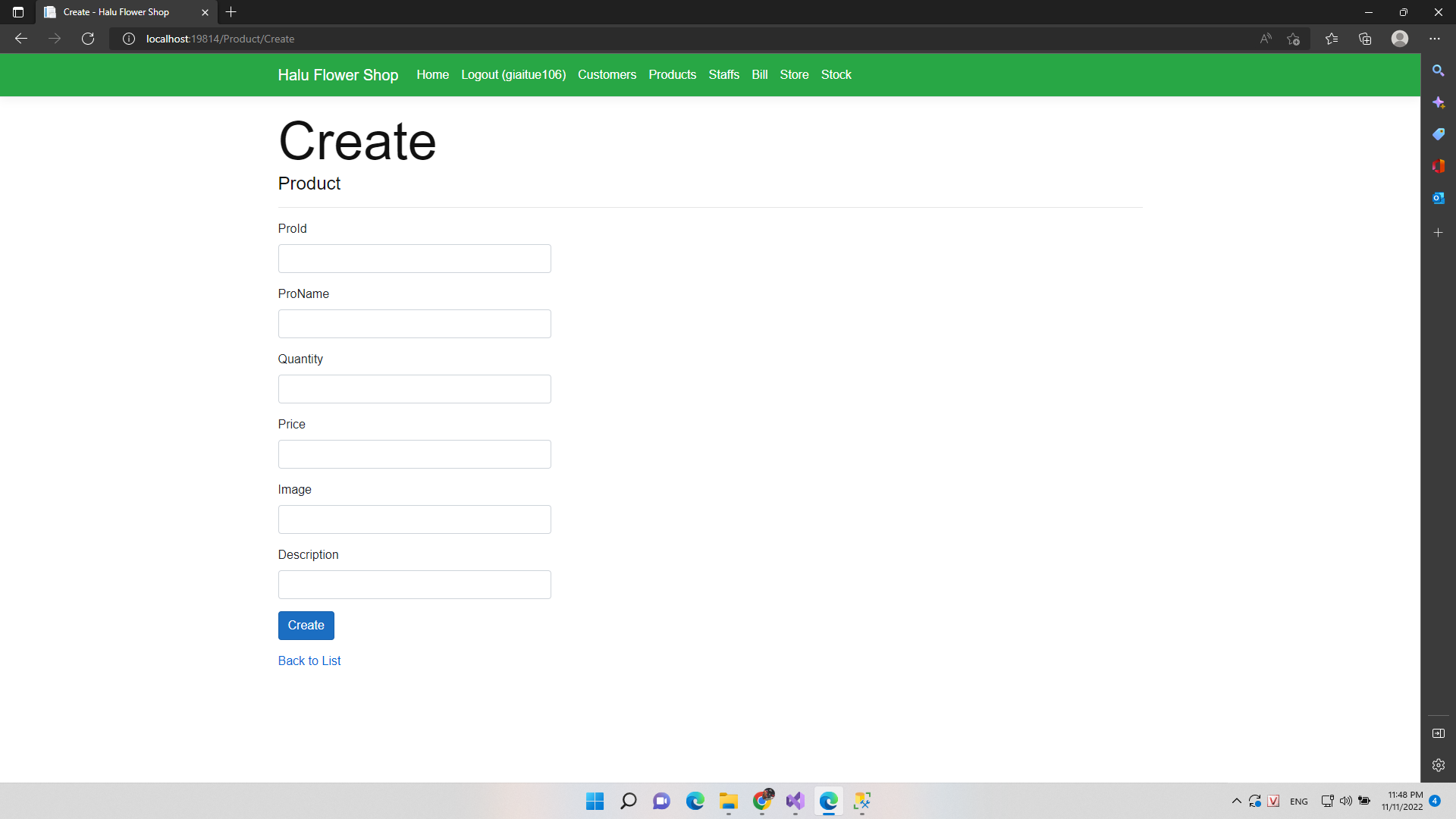
### Detail Customer

***. Screen***

### Delete Customer

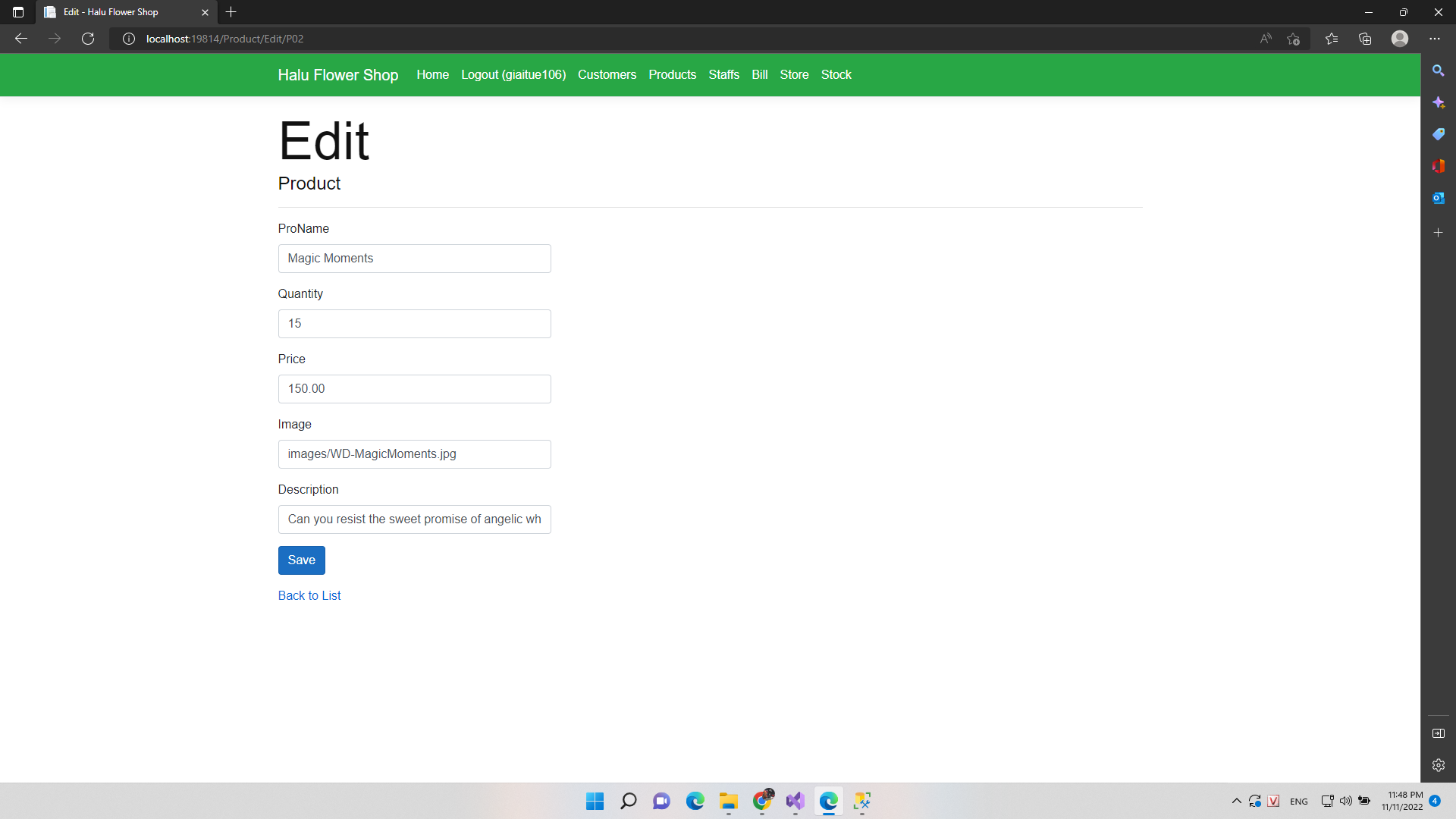
***. Screen***

### Create Product

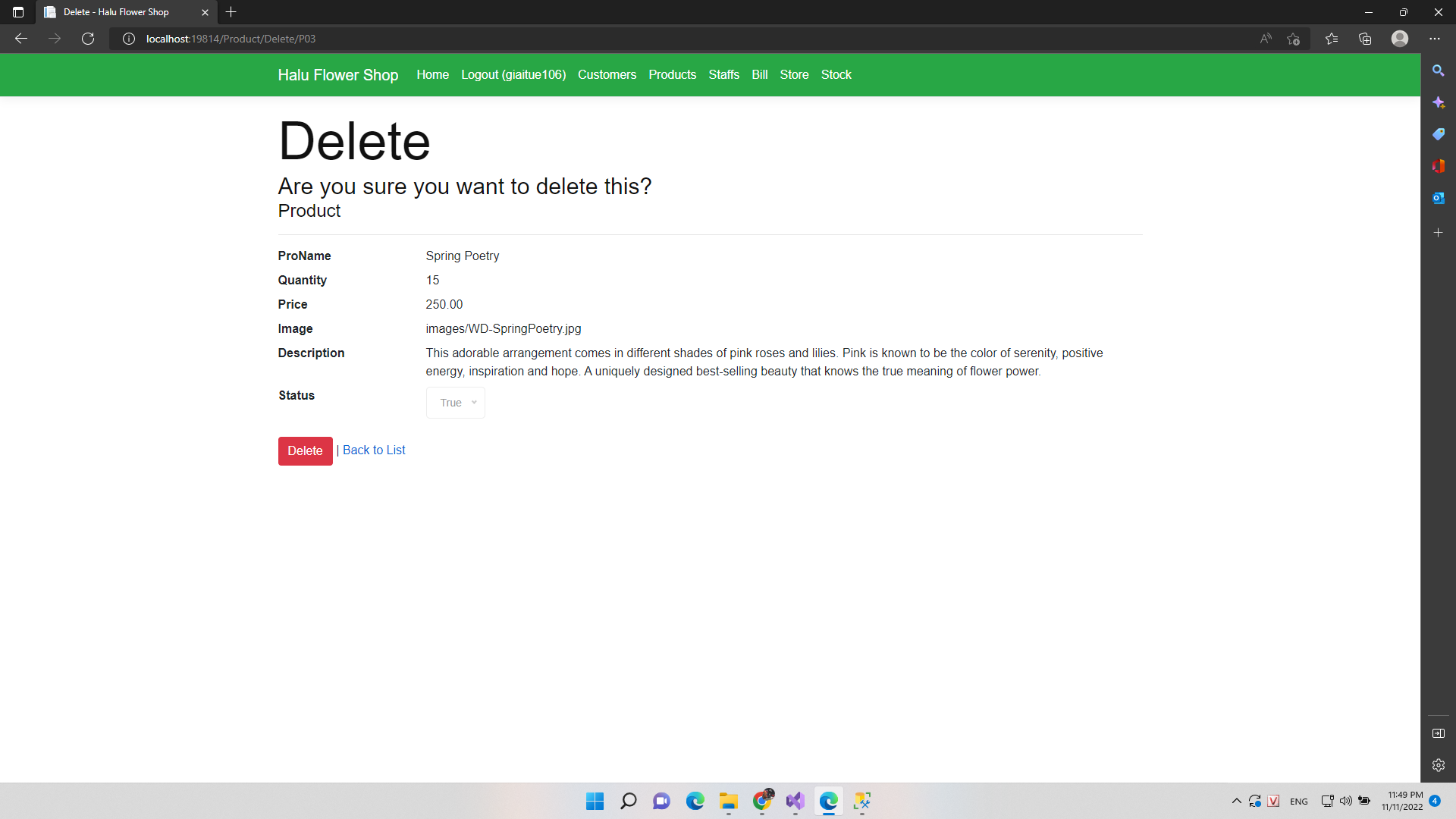
***. Screen***

### Edit Product

***. Screen***

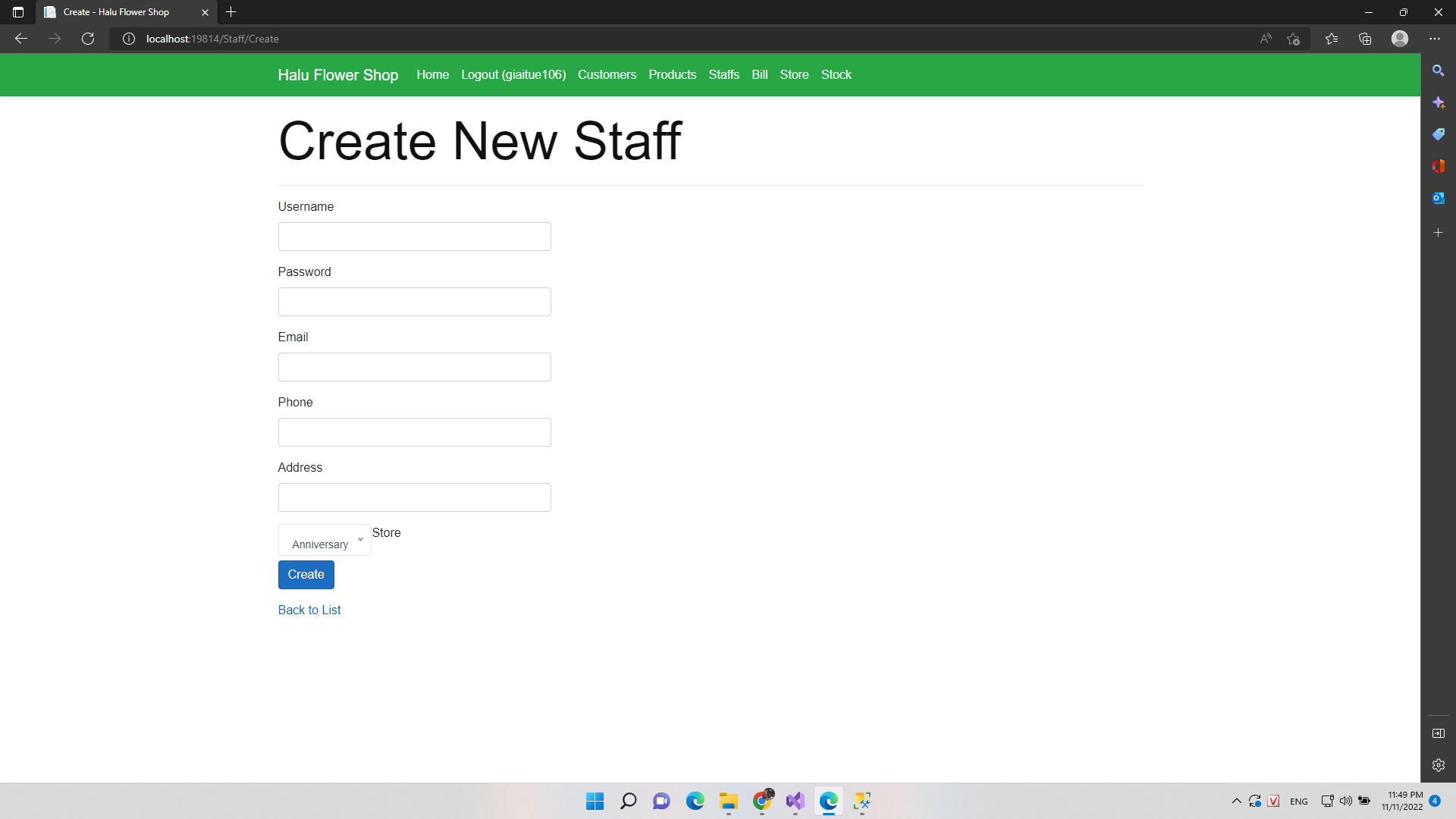


### Delete Product

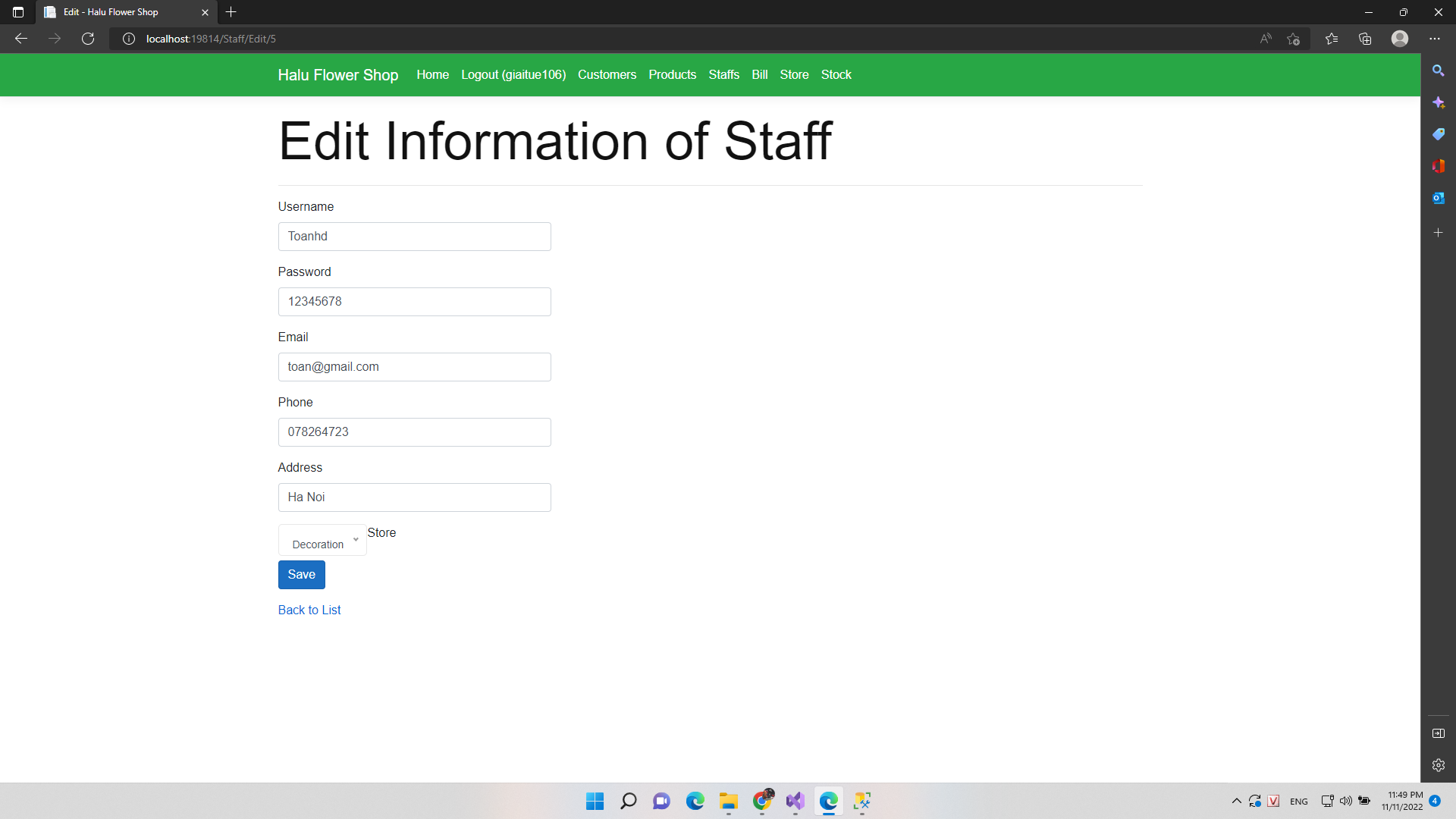
***. Screen***

### Create New Staff

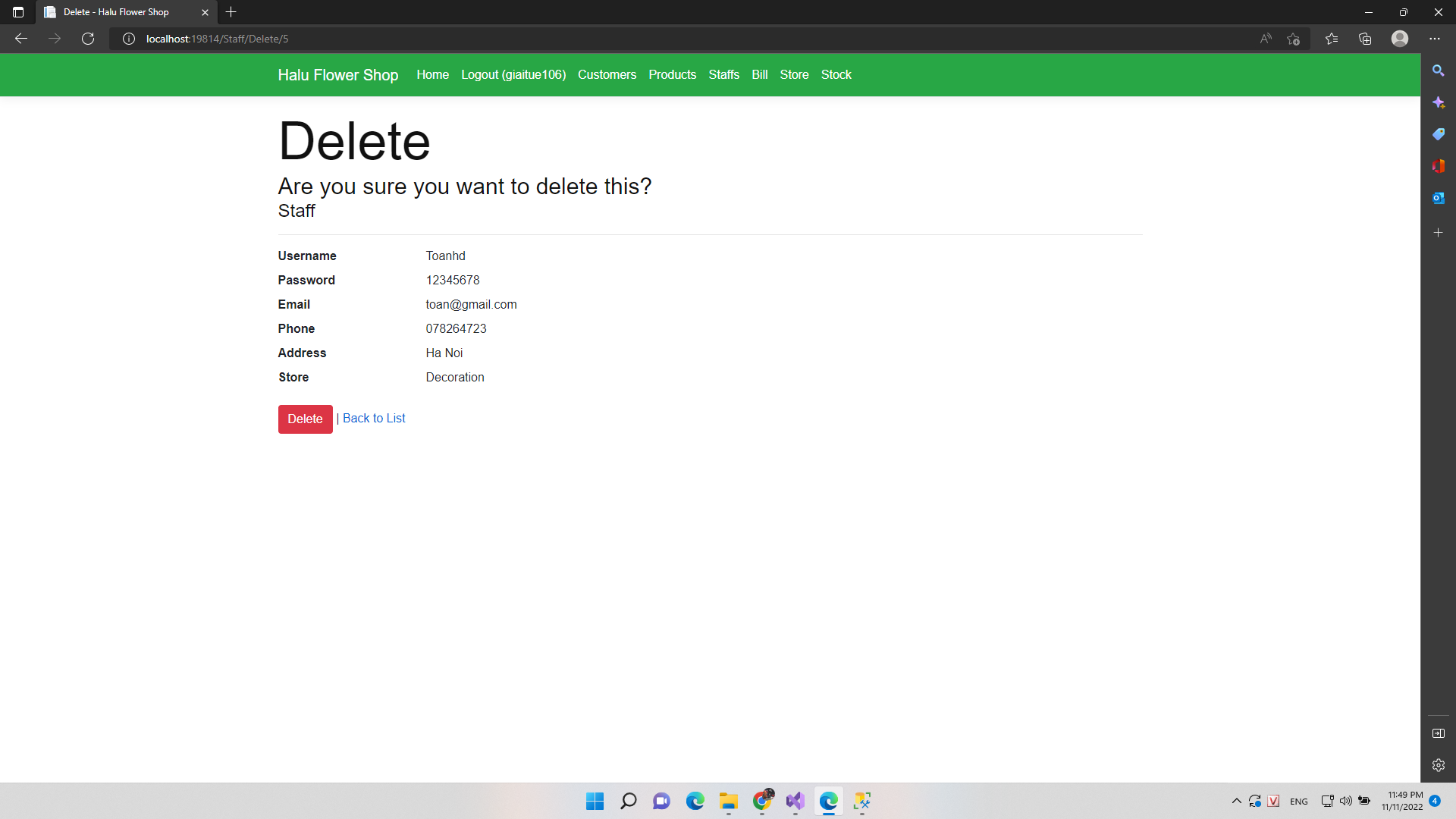
***Screen***



### Edit Information Staff

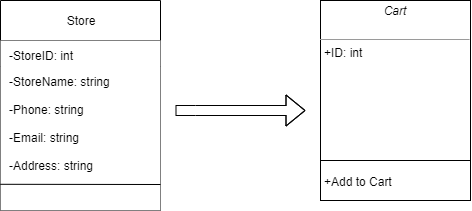
***. Screen***

### Delete Staff

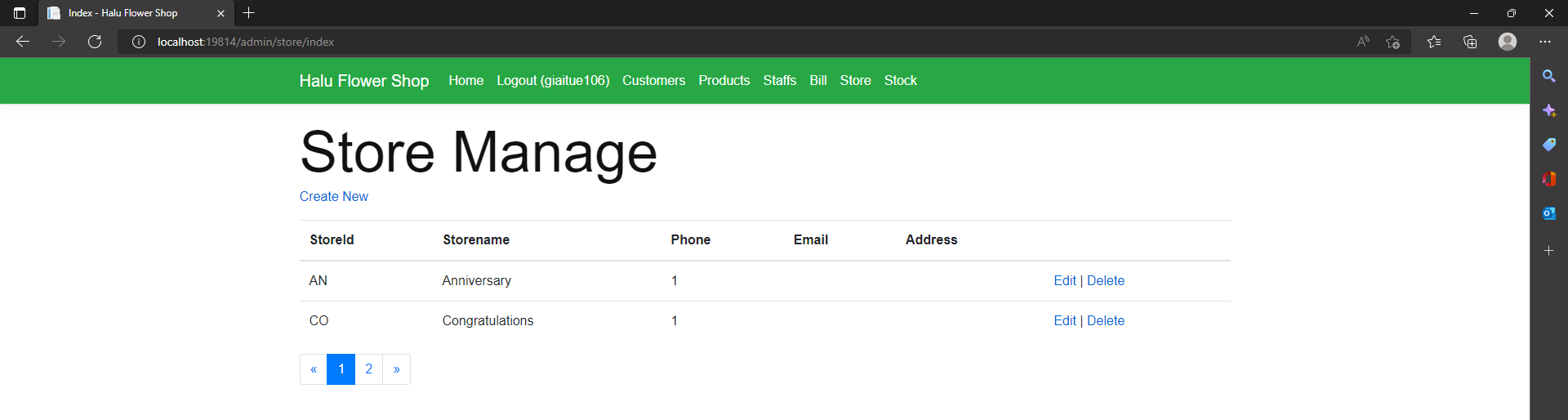
***. Screen***

### Store

***a. Class Diagram***

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***. Screen***

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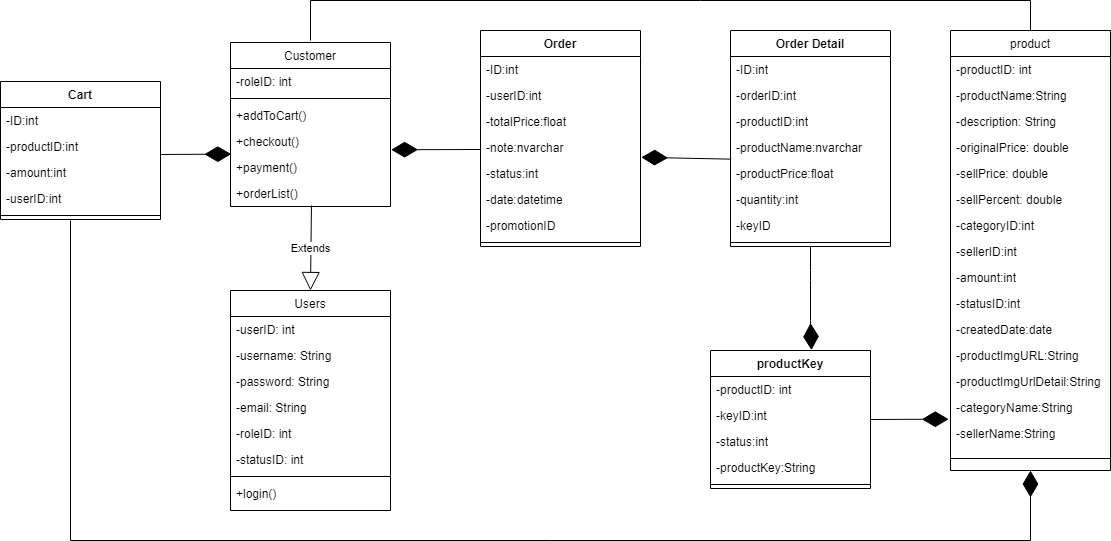


### Create New Store

***. Screen***

### Edit Store

1. ***Class Diagram***



1. ***Class Specifications UsersClass***

***Class Methods***

|  |  |  |
| --- | --- | --- |
| **No** | **Method** | **Description** |
| *01* | *Login* | *Input correct username and password to login in to web* |

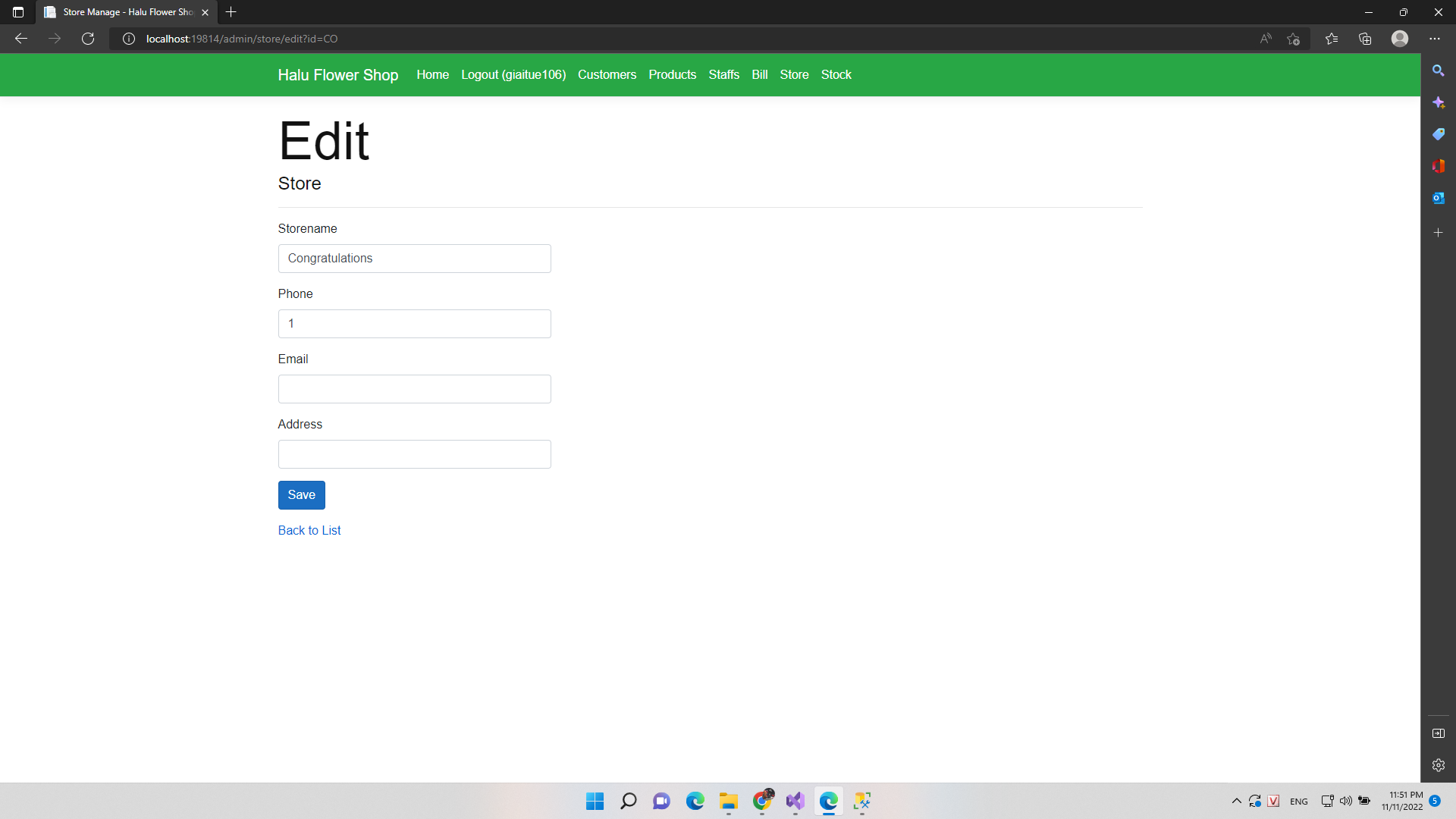
***Customer class***

***Class Methods***

|  |  |  |
| --- | --- | --- |
| **No** | **Method** | **Description** |

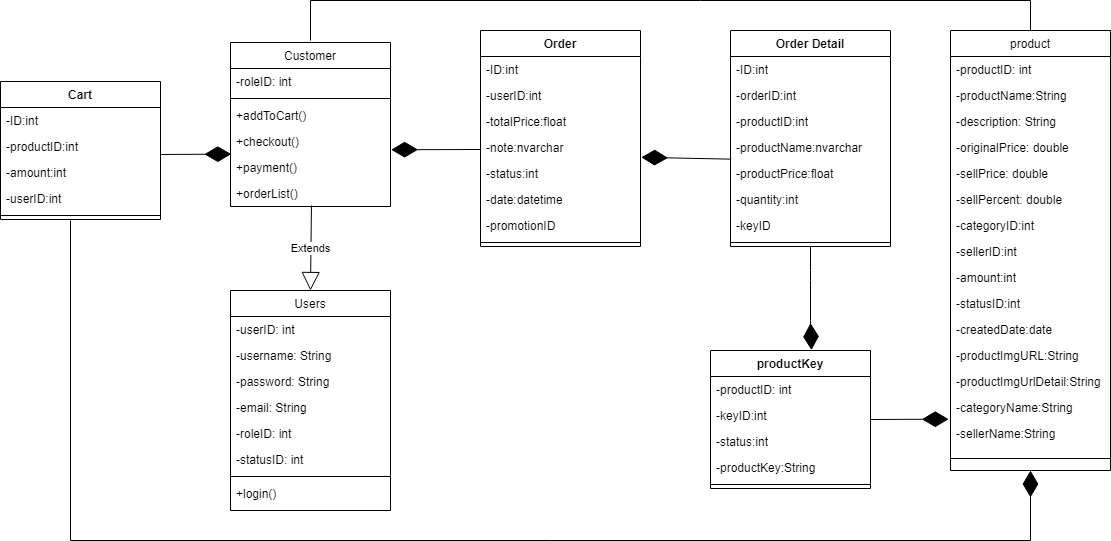
|  |  |  |
| --- | --- | --- |
| *01* | *addToCart* | *Add products to cart* |
| *02* | *checkOut* | *Check out cart* |
| *03* | *payMent* | *User pay for our order* |
| *04* | *orderList* | *Show list after order* |

1. ***Screen***

******

### Detail Store

1. ***Class Diagram***



1. ***Class Specifications UsersClass***

***Class Methods***

|  |  |  |
| --- | --- | --- |
| **No** | **Method** | **Description** |
| *01* | *Login* | *Input correct username and password to login in to web* |

***Customer class***

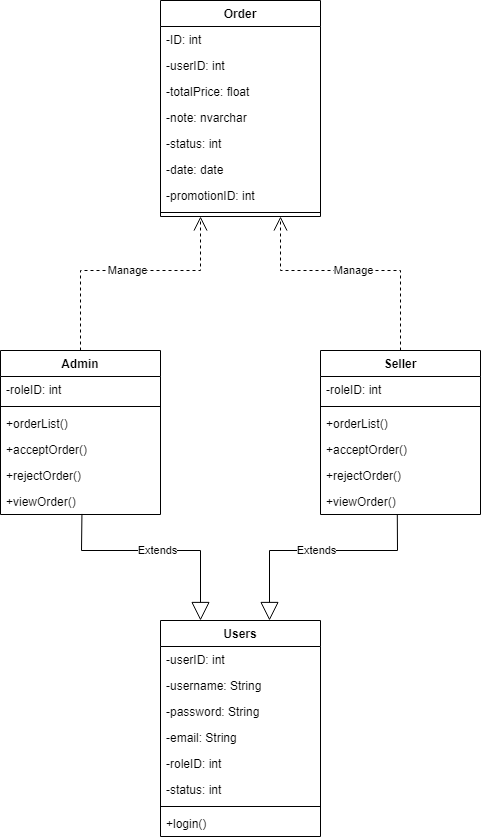
***Class Methods***

|  |  |  |
| --- | --- | --- |
| **No** | **Method** | **Description** |
| *01* | *addToCart* | *Add products to cart* |
| *02* | *checkOut* | *Check out cart* |
| *03* | *payMent* | *User pay for our order* |
| *04* | *orderList* | *Show list after order* |

1. ***Screen***

### Delete Store

1. ***Class Diagram***



1. ***Class Specifications UsersClass***

***Class Methods***

|  |  |  |
| --- | --- | --- |
| **No** | **Method** | **Description** |
| *01* | *Login* | *Input correct username and password to login in to web* |

***Admin, Seller class***

***Class Methods***

|  |  |  |
| --- | --- | --- |
| **No** | **Method** | **Description** |
| *01* | *acceptOrder()* | *Accepted user order* |
| *02* | *rejectOrder()* | *Reject user order* |
| *03* | *viewOrder* | *Author view order detail of user* |
| *04* | *orderList* | *Show orders of users* |

1. ***Screen***