ASSIGNMENT 2 FRONT SHEET

Qualification	BTEC Level 5 HND Diploma in Business		
Unit number and title	Unit 30: Application Development		
Submission date	2/11/2002	Date Received 1st submission	
Re-submission Date		Date Received 2nd submission	
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Class	GCH0907	Assessor name	Nguyen Dinh Tran Long

Student declaration

I certify that the assignment submission is entirely my own work and I fully understand the consequences of plagiarism. I understand that making a false declaration is a form of malpractice.

	Student's signature	

Grading grid

P4	P5	P6	M3	M4	M5	D2	D3

☐ **Summative Feedback:**　　　　　　　☐ **Resubmission Feedback:**

Grade:	**Assessor Signature:**	**Date:**

Internal Verifier's Comments:

Signature & Date:

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INTRODUCTION

In this part 2 of the project, the author will introduce and explain the system and collect data from survey. Our "The Cool Library" is an internet library, where we sale book for profit. Our team have 3 members, and we work together to develop this website.

I.   PEER REVIEW AND FEEDBACK ANALYSIS

A)List of questions

1. Do you like our The Cool Library

2. Your thought about our system

3. Do you like the interface?

Do you like user interface? *

	1	2	3	4	5	
Not that much	○	○	○	○	○	Very much

4. Do you like our Store Owner page?

Do you like our Store Owner page *

	1	2	3	4	5	
Not that much	○	○	○	○	○	Very much

5. Do you like our Admin page?

Do you like our Admin page *

	1	2	3	4	5	
Not that much	○	○	○	○	○	Very much

6. Which path should we improve?

Which path should we improve? *

☐ User interface

☐ Basic features

☐ Advanced features

☐ Store Owner page

☐ Admin page

7. In the registration section, after creating an account, do you think users need to confirm account by email?

In the registration section, after creating an account, do you think users need to *
confirm account by email?

○ Yes

○ No

○ Maybe

○ Other: _____

8. Do you like to have a user cart?

Do you like to have a user cart *

○ Yes

○ No

○ Maybe

○ Other: _____

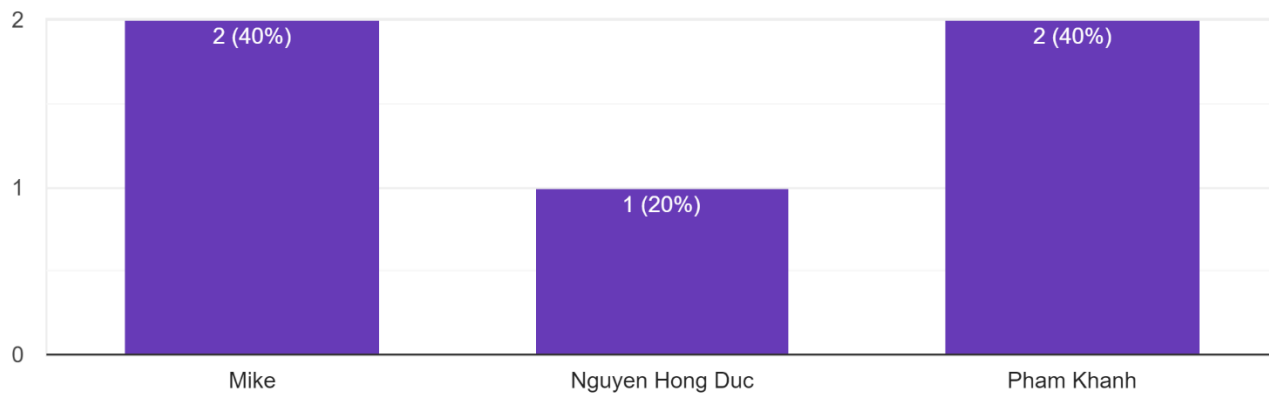9. What else would you like us to improve?

What else would you like us to improve? *

Your answer

B) Review feedbacks
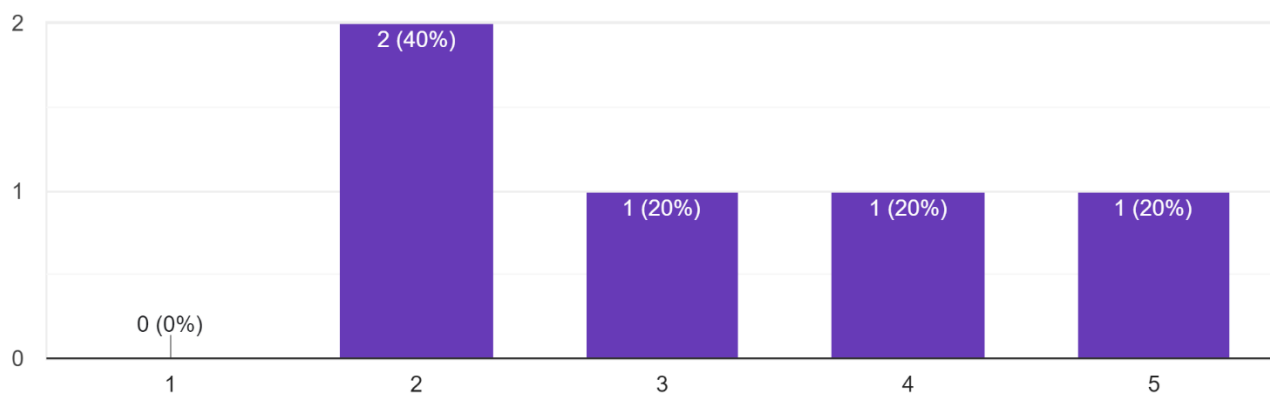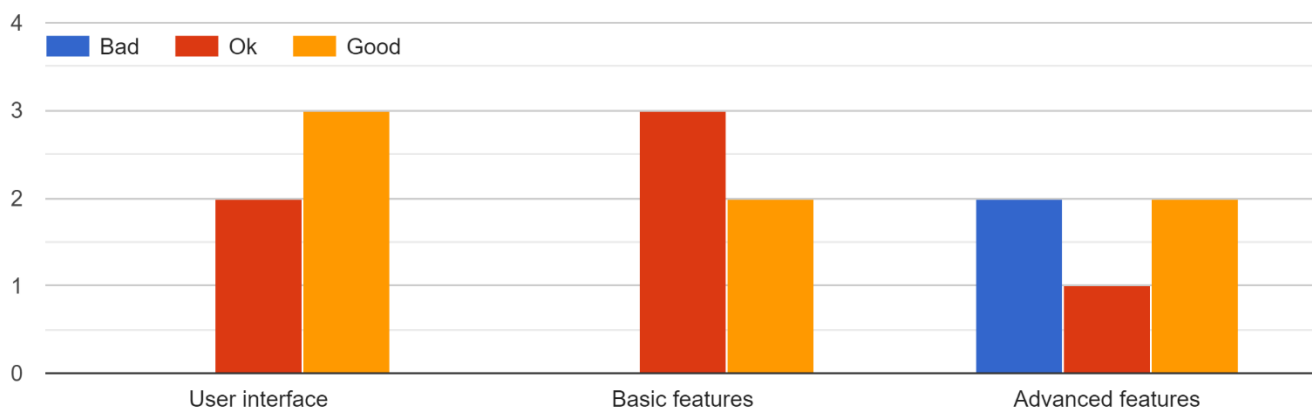
What is your name?
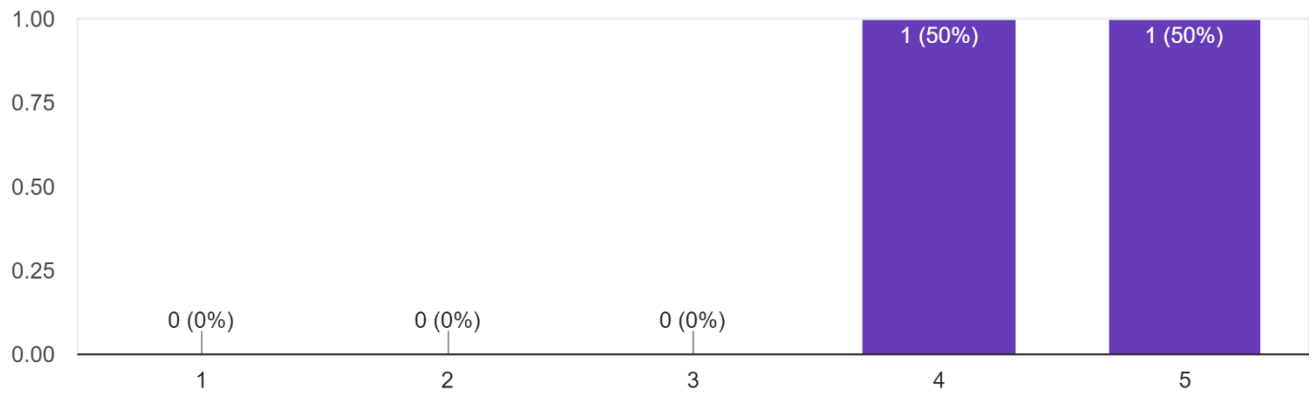
5 responses

Do you like our The Cool Library?

5 responses
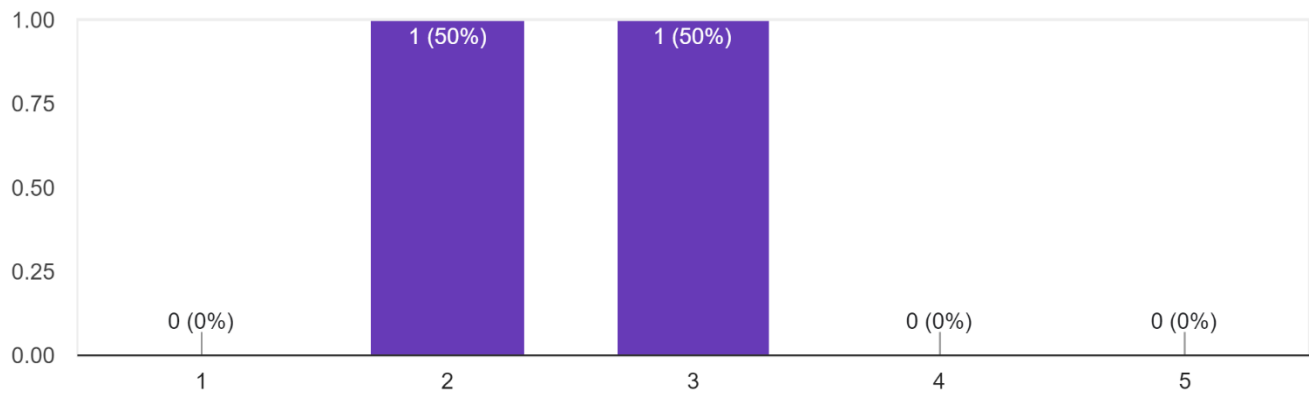

Your thought about our system

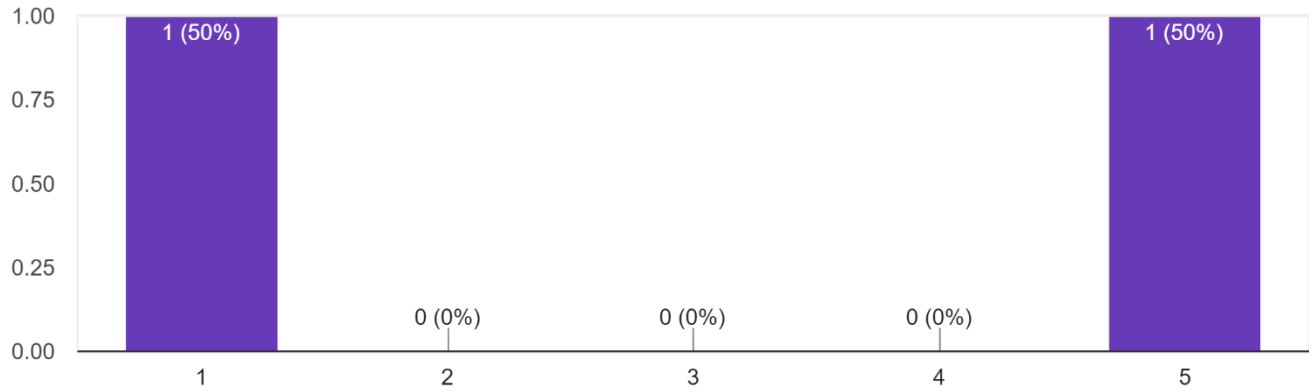## Do you like user interface?

2 responses

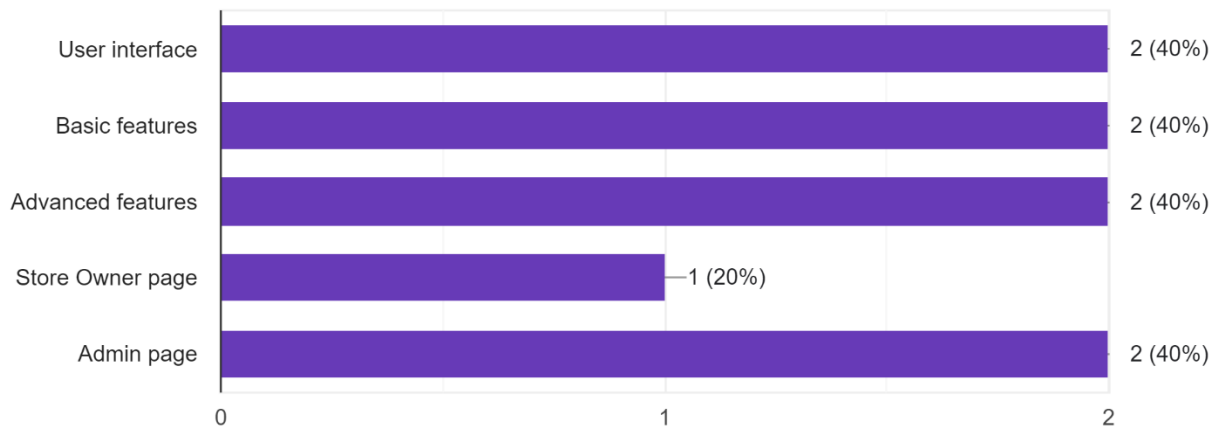## Do you like our Store Owner page

2 responses

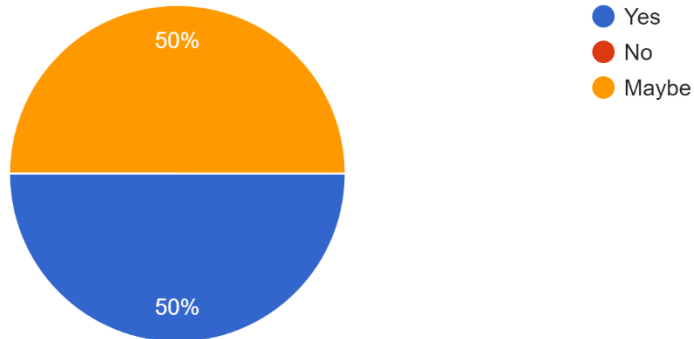## Do you like our Admin page

2 responses

Which path should we improve?

5 responses

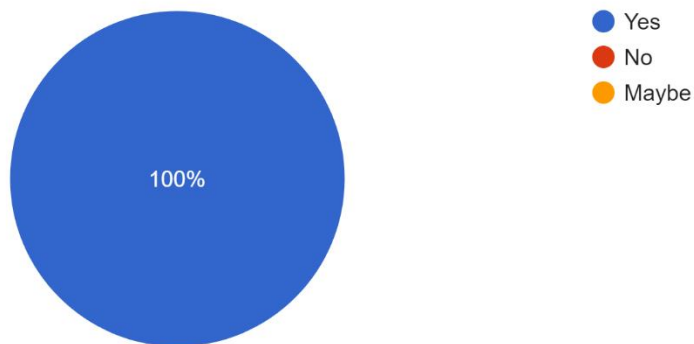In the registration section, after creating an account, do you think users need to confirm account by email?

2 responses

50%

50%

- Yes
- No
- Maybe

Do you like to have a user cart

2 responses

100%

- Yes
- No
- Maybe

What else would you like us to improve?

5 responses

This project need more function for the user

I want add to cart feature

Improve more advanced features and friendly user interface

Make a message notification function when sale

This project should have more function such as search, sort, and so on

C) Evaluate

Everyone else like our website, and they thought it can be so much more. Almost everyone like to have a cart function. And also, user need more function to do with like a auto message when sale or advanced search & sort.

In my opinion, our system done great and through the survey, we learned a lot about real user expiriences.

II.   APPLICATIONDEVELOPMENT

For this project, we using Visual Studio 2022 IDE for coding. And for framework, we use ASP.NET Core 3.1 to develop the web app. This is an open-source framework for developing web application and can be run on Windows, Mac, or Linux.
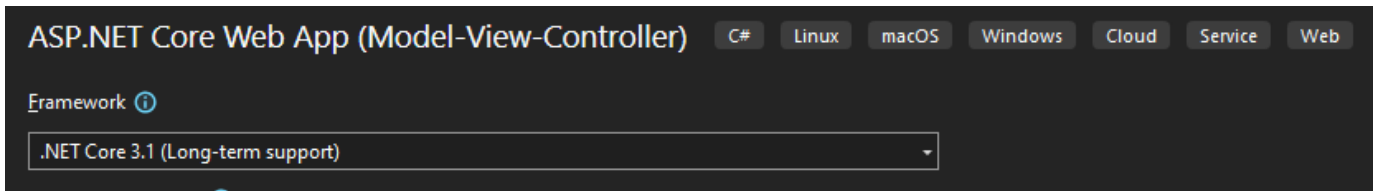
1) Folder structure of the application
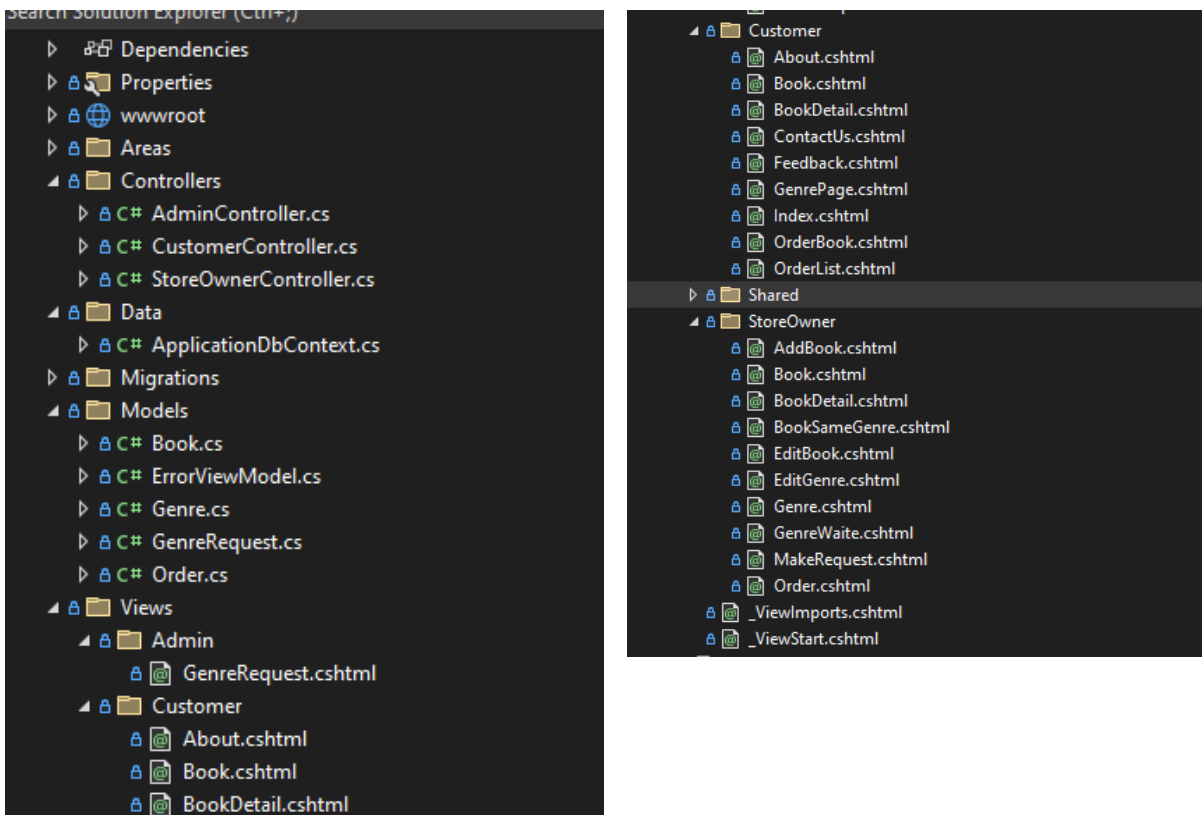
The folder have a easy understand structure, each controller have a view folder.
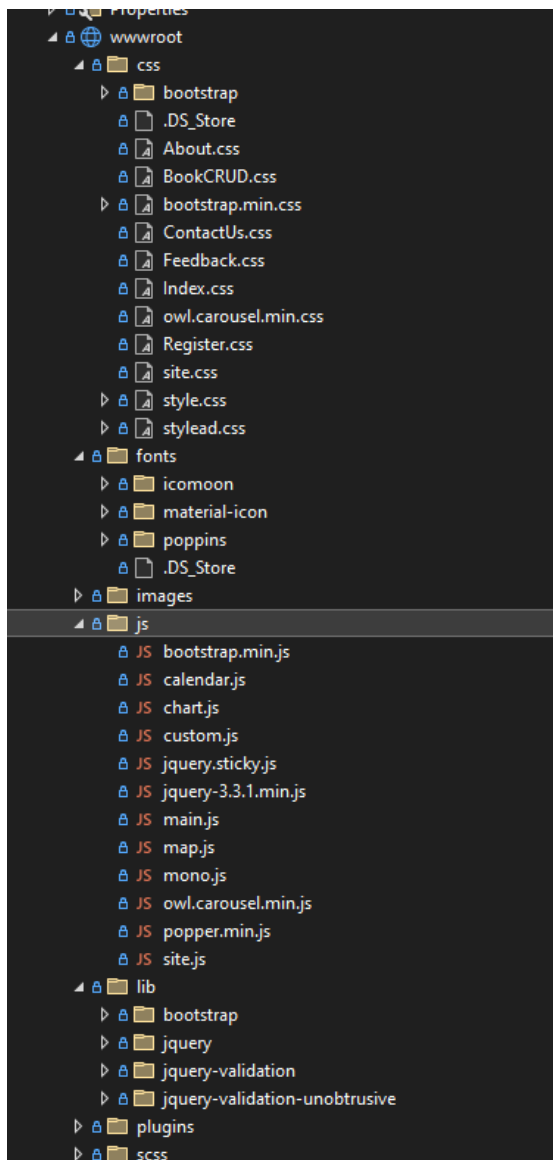
Everything else like bootstrap, front, and JavaScript are in 'wwwroot' folder.

2) Source code samples of the application

Example code: Order feature

This feature allow customer to order book with quantity and add it to a order list. In Store Owner page, he or she can see all of the order from difference account. If I am a customer I can only see the order list of my self account.

Customer's Controller:

```csharp
118         [Authorize(Roles = "Customer")]
119         [HttpPost]
            0 references
120         public IActionResult OrderBook(int id, double price, int quantity, Book book)
121         {
122             var order = new Order();
123             order.BookId = id;
124             order.OrderDate = DateTime.Now.Date;
125             order.Quantity = quantity;
126             order.Price = price;
127             order.Bill = order.Price * quantity;
128             order.Email = User.Identity.Name;
129
130             book = context.Books.Where(b => b.Id == id).FirstOrDefault();
131             book.Book_quantity -= quantity;
132             //book = context.Books.Find(id);
133             context.Books.Update(book);
134
135             context.Orders.Add(order);
136             context.SaveChanges();
137             return RedirectToAction("OrderList");
138         }
```

This action allow customer to order book that he or she want then redirect to order list page.

From line 122 – 128, we create