

UNIVERSITY OF ECONOMICS AND FINANCE HO CHI MINH CITY

FACULTY OF INFORMATION TECHNOLOGY



**LEARNING ADVISOR MANAGEMENT SYSTEM
FACULTY OF INFORMATION TECHNOLOGY**

ACADEMIC YEAR: 2023-2024 SEMESTER: II

COURSE: WEB APPLICATION DEVELOPMENT

LECTURER: PHAM TRONG NGHIA

Team Members:

Le Thao Duyen-205052073

Le Ngoc Dinh Dinh-205190327

Ho Lam Gia Khanh-205051805

Nguyen Tuan Khoa-205050210

Tran Cao Minh Thang-205051813

Ho Chi Minh City - March 2023

UNIVERSITY OF ECONOMICS AND FINANCE HO CHI MINH CITY
FACULTY OF INFORMATION TECHNOLOGY
SPECIALIZATION: SOFTWARE TECHNOLOGY

**LEARNING ADVISOR MANAGEMENT SYSTEM
FACULTY OF INFORMATION TECHNOLOGY**

ACADEMIC YEAR: 2023-2024 SEMESTER: II
COURSE: WEB APPLICATION DEVELOPMENT
LECTURER: PHAM TRONG NGHIA

Team Members:
Le Thao Duyen-205052073
Le Ngoc Dinh Dinh-205190327
Ho Lam Gia Khanh-205051805
Nguyen Tuan Khoa-205050210
Tran Cao Minh Thang-205051813

Ho Chi Minh City - March 2023

INDEX

I.	Database design.....	6
1.1	Data description.....	6
1.2	Data dictionary	6
II.	Design interface.....	9
2.1.	<i>Functional design</i>	15
III.	View.....	18
3.1	Share	18
3.2	Event.....	21
3.3	Group.....	23
3.4	Member	26
3.5	Plans.....	28
3.6	Tasks	31
IV.	Business design.....	34
V.	Controller	35
5.1	Event Controller.....	35
5.2	Group Controller.....	35
5.3	Member Controller	35
5.4	Plan Controller	35
5.5	Tasks Controller.....	35
VI.	Description of functions	36
6.1	Event	36
6.2	Group.....	37
6.3	Member	38
6.4	Plans.....	39
6.5	Tasks	40
VII.	About the features included in the website	43

PREAMBLE

When the industrial revolution 4.0 is taking place strongly around the world, the development of the Information Technology industry is the "key" for change, contributing to the growth of the country in many fields. With the increasingly strong development, the Information Technology industry plays an increasingly important role, especially in modern social life. The development of information technology contributes to making educational activities more effective. Many advanced technologies are thoroughly applied to best meet the teaching work of teachers. At the same time, the dissemination of knowledge on digital platforms helps teachers and students easily access useful information, serving well the needs of teaching and learning.

Nowadays, information technology has become an indispensable part of our lives. We have become dependent on these technologies to transmit information, play, work, learn and connect with each other. With the advancement of technology, we have seen a lot of new advancements in this area, and much more. These advances have changed the way we work, access information, and connect with each other.

In this project report, we will show how we use new technologies to solve problems in the subject area. Understanding the above issues, we have designed a learning advisor management system for the University of Economics and Finance in Ho Chi Minh City. Ho Chi Minh City in general and for the School of Information Technology in particular.... From those complexities, we have chosen to make a website of the academic advisor management system of the Faculty of Information Technology. It allows students to respond to difficulties in the learning process, as well as download necessary documents, or can choose a group room to exchange with friends. On the other hand, this is a system that stores lecturer information. Instructors can also view the feedback reviews left by students, from which they can correct bad situations or develop further in the teaching process. It can be said that this is a fairly complete container system that is convenient for use. Welcome to the Learning Advisor Management System for the Faculty of Information Technology.

Our system is designed to provide students with a comprehensive suite of learning resources and support tools to help them excel in their academic pursuits. We understand that navigating the complex world of higher education can be challenging, and our system is here to provide students with the guidance and support they need to succeed.

Our team of experienced advisors is dedicated to helping students develop personalized learning plans that align with their academic goals and career aspirations. Our system offers a range of features, including personalized course recommendations, progress tracking, and access to a wealth of learning resources and support materials.

ACKNOWLEDGMENTS

In fact, there is no success without the support and help, no matter how much or how little, direct or indirect, of others. During the time since the beginning of the study at the University of Economics and Finance in Ho Chi Minh City. This Ho Chi Minh City, we have received a lot of attention and help from teachers, teachers and friends. With the deepest gratitude, I would like to send to the teachers at the Faculty of Information Technology who have used all their knowledge and enthusiasm to impart all the valuable knowledge to us during this time. study here.

First, we would like to thank our instructor, Mr. Nguyen Van Tan, for taking the time and dedication to guide us throughout the process of this project. We would also like to thank the University of Economics and Finance, Ho Chi Minh City. Ho Chi Minh, provided us with important documents and resources to complete this project. In particular, we would like to thank Mr. Pham Trong Nghia for helping us in the process of researching and researching on our topic.

We would also like to thank our family and friends, who encouraged and supported us throughout the process of this project. We would like to thank everyone who read and rated our project report. We hope that our project report will provide you with useful information and meet your requirements. Once again, we would like to express our sincere thanks to all those who have supported us during the implementation of this project.

The reporting process faced many difficulties due to the new programming language and limited practical experience analysis and design process due to limited time and qualifications, the software inevitably has shortcomings. Therefore, we are looking forward to your comments and suggestions to improve the project.

And finally,

We sincerely thank you!

Ho Chi Minh City, March 28th, 2023

Student group made

Le Thao Duyen

Le Ngoc Dinh Dinh

Ho Lam Gia Khanh

Nguyen Tuan Khoa

Tran Cao Minh Thang

I. Database design

1.1 Data description

A data description for a SQL Server database accessed using Entity Framework would include a comprehensive overview of the database schema, tables, data types, and connection parameters. It would also provide relevant information for managing, analyzing, and maintaining the data, such as relationships between tables, primary and foreign keys, and indexes. Additionally, the data description may include any business rules or constraints that are enforced on the data, as well as any security settings or access controls. This information is essential for developers and database administrators to ensure the proper functioning and security of the system.

1.2 Data dictionary

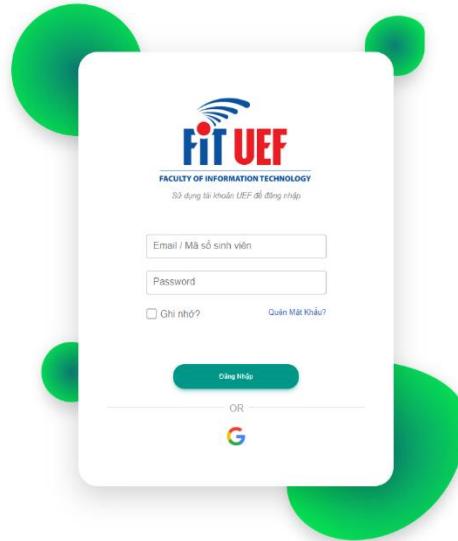
	Field Type	Field Type
AspNetUserLogins	LoginProvider	VARCHAR(50)
	ProviderKey	VARCHAR(50)
	ProviderDisplayName	VARCHAR(50)
	UserId	VARCHAR(50)
AspNetUsers	Id	INT
	City	VARCHAR(50)
	FirstName	VARCHAR(50)
	MiddleName	VARCHAR(50)
	LastName	VARCHAR(50)
	UrlAvartar	VARCHAR(50)
	UserName	VARCHAR(50)
	NormalizedUserName	VARCHAR(50)
	Email	VARCHAR(50)
	NormalizedEmail	VARCHAR(50)
	Email Confirmed	VARCHAR(50)
	PasswordHash	VARCHAR(50)
	SecurityStamp	VARCHAR(50)
	ConcurrencyStamp	VARCHAR(50)
	PhoneNumber	INT(20)
	PhoneNumberConfirmed	INT(20)
	TwoFactorEnabled	VARCHAR(50)
	LockoutEnd	VARCHAR(50)
	LockoutEnabled	VARCHAR(50)
	AccessFailed Count	VARCHAR(50)

Event	EventID	INT
	PlanID	INT
	EventName	VARCHAR(50)
	StartTime	DATETIME
	EndTime	DATETIME
	MoTa	VARCHAR(250)
	Trang Thai	BIT
	XoaTam	BIT
	NguoiTao	INT
	NgayTao	DATETIME
	NguoiCapNhat	INT
	NgayCapNhat	DATETIME
	NguoiXoa	INT
	DeleteDate	DATETIME
Plan	PlanID	INT
	TenKeHoach	VARCHAR(50)
	NgayTrinh	DATETIME
	NgayDuyet	DATETIME
	NguoiTrinh	INT
	NguoiDuyet	INT
PdfFile	ID	INT
	FileName	VARCHAR(100)
	UploadDate	VARCHAR(50)
	FileDath	VARCHAR(200)
	PlanID	INT
Task	TaskID	INT
	EventID	INT
	TenTask	VARCHAR(50)
	MoTa	VARCHAR(250)
	StartTime	DATETIME
	EndTime	DATETIME
	Status	VARCHAR(50)
Group	GroupID	INT
	EventID	INT

	TenNhom	VARCHAR(50)
	MoTa	VARCHAR(250)
	NgayTao	DATETIME
	NgayCapNhat	DATETIME
Group_Task		
	GroupID	INT
	TaskID	INT
MemberGroup		
	ID	INT
	GroupID	INT
	UserID	INT
	RoleName	NVARCHAR(50)
TaskAssignment		
	MemberID	INT
	TaskID	INT
	StartTime	DateTime
	EndTime	DateTime
	Progress	INT
	Status	NVARCHAR(100)
	Description	NVARCHAR(MAX)
	Note	NVARCHAR(500)

II. Design interface

➤ Login:



➤ Plan:

- **Index:** This interface will display the existing plan in the sql server data.

- **Create:** This interface displays the information to be filled in to create a new plan.

Create

Tên Kế Hoạch

PdfFiles
 Choose File No file chosen

Ngày Trình
 mm/dd/yyyy -.-:-- --

Ngày Duyệt
 mm/dd/yyyy -.-:-- --

Người Trình

Người Duyệt

Create

- **Edit:** This interface is similar to the Create interface, users can edit the plan's information.

Edit

Tên Kế Hoạch
Test Plan

PdfFiles
 Choose File No file chosen

Ngày Trình
03/09/2023 01:09 PM

Ngày Duyệt
03/23/2023 01:09 PM

Người Trình
Trần Cao Minh Thắng

Người Duyệt
Trần Cao Minh Thắng

Save

➤ Event:

- **Index:** This interface will display the existing event in the sql server data.

The screenshot shows a dashboard titled 'Quản lý sự kiện'. At the top, there are two summary boxes: 'Số lượng Sự Kiện' (1) and 'Available Rooms' (180). Below this is a search bar and a table titled 'Students' with one entry: 'Sự Kiện 1' (ID: 1, Description: Test, Start Date: 3/2/2023 1:37:00 PM, End Date: 4/8/2023 1:37:00 PM, Status: Active).

- **Create:** This interface displays the information to be filled in to create a new event.

The screenshot shows a form titled 'Thêm sự kiện' (Add Event). It includes fields for 'Tên sự kiện' (Event Name), 'Ngày bắt đầu' (Start Date), 'Ngày kết thúc' (End Date), 'Mô tả' (Description), and a file upload section with 'Choose File' and 'ImportDataExcel' buttons.

- **Details:** This interface will display full details of this event, for example, the group and task of the event will be displayed here.

The screenshot shows a web-based application interface for managing events. The top navigation bar includes a logo, a search bar, and a 'Quay về' (Return) button. The main content area displays event details: Name (Sự Kiện 1), Start Date (3/2/2023 1:37:00 PM), End Date (4/8/2023 1:37:00 PM), and Description (Test). Below this, there are three tabs: 'Danh Sách Nhóm' (selected), 'Danh Sách Task', and 'Danh Sách'. The 'Danh Sách Nhóm' tab shows a table with one row of data:

Thứ tự	Tên Nhóm	Ngày Tạo	Trạng Thái	Chức Năng
0	Nhóm 5 Con Người	3/1/2023 1:38:00 PM	Active	Edit

Below the table, a message says 'Showing 1 to 1 of 1 entries'. There are also 'Previous' and 'Next' buttons.

(Figure: View Group of Event)

This screenshot shows the same application interface, but the 'Danh Sách Task' tab is selected. It displays a table with one task entry:

Thứ tự	Tên Nhóm	Ngày Tạo	Trạng Thái	Chức Năng
0	Task1	3/4/2023 4:47:00 PM	4/8/2023 4:47:00 PM	Active

(Figure: View Task of Event)

- **Edit Event:** This interface is similar to the Create interface, users can edit the event's information.

Quản Lý Sự Kiện - Chính Sửa Sự Kiện Sự Kiện 1

Tên sự kiện: Sự Kiện 1

Ngày bắt đầu: 03/02/2023 01:37 PM

Ngày kết thúc: 04/08/2023 01:37 PM

Mô tả: Test

Save

> Group :

- **Index :** This interface will display the existing groups in the sql server data. There is a distinction between groups belonging to any event.

Quản lý nhóm

Sự Kiện 1

ID Sự kiện:	1
Nhóm 5 Con Người	
Ngày tạo:	01/03/2023
Ngày cập nhật:	08/04/2023
ID Nhóm:	1
Mô tả:	Nhóm Admin

XemThêm

- **Create :** This interface displays the information to be filled in to create a new group.

Trang chủ

EventID
Sự Kiện 1

TenNhóm
Nhóm 5 Con Người

MoTa
Nhóm Admin

NgayTao
03/01/2023 01:38 PM

NgayCapNhat
04/08/2023 01:38 PM

Create

- **Edit :** This interface displays the information to be filled in to create a edit group.

Trang chủ

EventID
1

TenNhóm
Nhóm 5 Con Người

MoTa
Nhóm Admin

NgayTao
03/01/2023 01:38 PM

NgayCapNhat
04/08/2023 01:38 PM

Edit

➤ Members :

- **Index :** This interface will display all members of the group that the user is looking to see, here the example I give is group 1.

Member	ID	Role	Status
Lê Ngọc Định Đinh	Mã số sinh viên: 5	Nhiệm vụ: Task1	Chức vụ: Trưởng nhóm
Nguyễn Tuấn Khoa	Mã số sinh viên: 5	Nhiệm vụ: Chưa có	Chức vụ: Trưởng nhóm
Trần Cao Minh Thắng 2	Mã số sinh viên: 5	Nhiệm vụ: Chưa có	Chức vụ: Trưởng nhóm
Trần Cao Minh Thắng	Mã số sinh viên: 5	Nhiệm vụ: Chưa có	Chức vụ: Trưởng nhóm
Lê Thảo Duyên	Mã số sinh viên: 5	Nhiệm vụ: Chưa có	
Hồ Lâm Gia Khánh	Mã số sinh viên: 5	Nhiệm vụ: Chưa có	

- **Create :** This interface will allow users to add members to the group.

#	Họ và tên	Chức Năng

2.1. Functional design

- **Import data from Excel to Database :** Functions apply to Plan, Event, Group, Task, Members.

- **Export Database to Excel :** Functions apply to Plan, Event, Group, Task, Members.

The screenshot shows a web-based application interface. At the top, there's a navigation bar with a logo, 'Dashboard', a search icon, 'Register', and 'Login'. Below the navigation is a breadcrumb trail: 'Dashboard / Quản Lý Sự Kiện / Sự Kiện 1'. On the left, a sidebar menu includes 'Quản lý giảng viên', 'Quản lý môn học', 'Quản lý sự kiện' (selected), 'Quản lý công việc', 'Báo cáo, thống kê', and 'Báo cáo, thống kê'. The main content area displays event details: 'Tên sự kiện: Sự Kiện 1', 'Ngày bắt đầu: 3/2/2023 1:37:00 PM', 'Ngày kết thúc: 4/8/2023 1:37:00 PM', and 'Mô tả: Test'. Below this is a table titled 'Danh sách Task' with one entry: 'Task1'. A red box highlights the file tab 'Tasks - 29-3-23.xlsx' in the browser's tab bar.

- **Delete Object : Function apply to all, each Controller will have a function Delete.**

The screenshot shows a web-based application interface. At the top, there's a navigation bar with a logo, 'Dashboard', a search icon, 'Register', and 'Login'. Below the navigation is a breadcrumb trail: 'Dashboard / Quản lý sự kiện'. On the left, a sidebar menu includes 'Quản lý giảng viên', 'Quản lý môn học', 'Quản lý sự kiện' (selected), 'Quản lý công việc', 'Báo cáo, thống kê', and 'Báo cáo, thống kê'. The main content area displays a summary: '1 Số lượng Sự Kiện' and '180 Available Rooms'. A modal dialog box with a warning icon and the text 'Chắc chắn xoá?' (Are you sure?) is centered over the page. In the background, there's a table titled 'Students' with one row: '1 1 Sự Kiện 1 Test 3/2/2023 1:37:00 PM 4/8/2023 1:37:00 PM Active'. A red box highlights the 'Delete' button in the modal dialog.

- **View File PDF before submit :** This function uses javascript to view and read pdf files before uploading, this function applies to Plan.

Pdffiles

Choose File Lab04-ITE1219E.pdf

Ngày Trình

mm/dd/yyyy --:-- --

Ngày Duyệt

mm/dd/yyyy --:-- --

Người Trình

Người Duyệt

Create

37786ae1-5335-42eb-86ee-38542ca0af5c

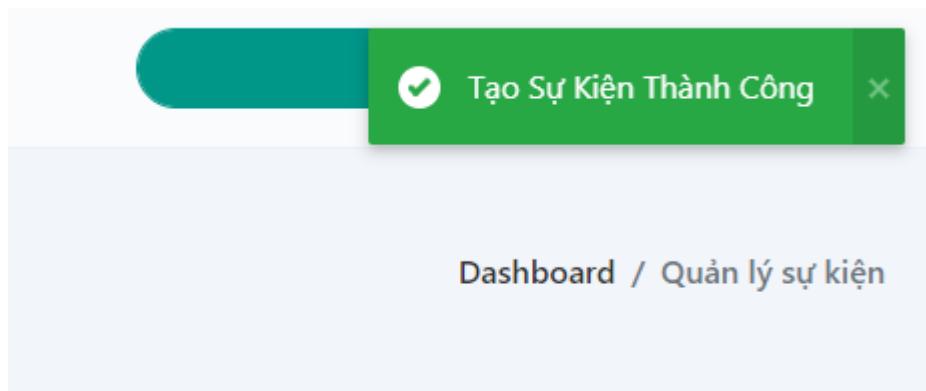
1 / 2 | - 100% + | 🔍 ⌂ ⌂ ⌂

LAB 04: POLYMORPHISM, CUI and .JAR FILE.

Introduction

As you know, users only use the applications or software by the **Menu**. They don't care about the code inside. Therefore, you have to create the **Menu** for users. It calls **User Interface**. There are two kinds of User Interface: **GUI** (Graphic User Interface) and **CUI** (Console User Interface).

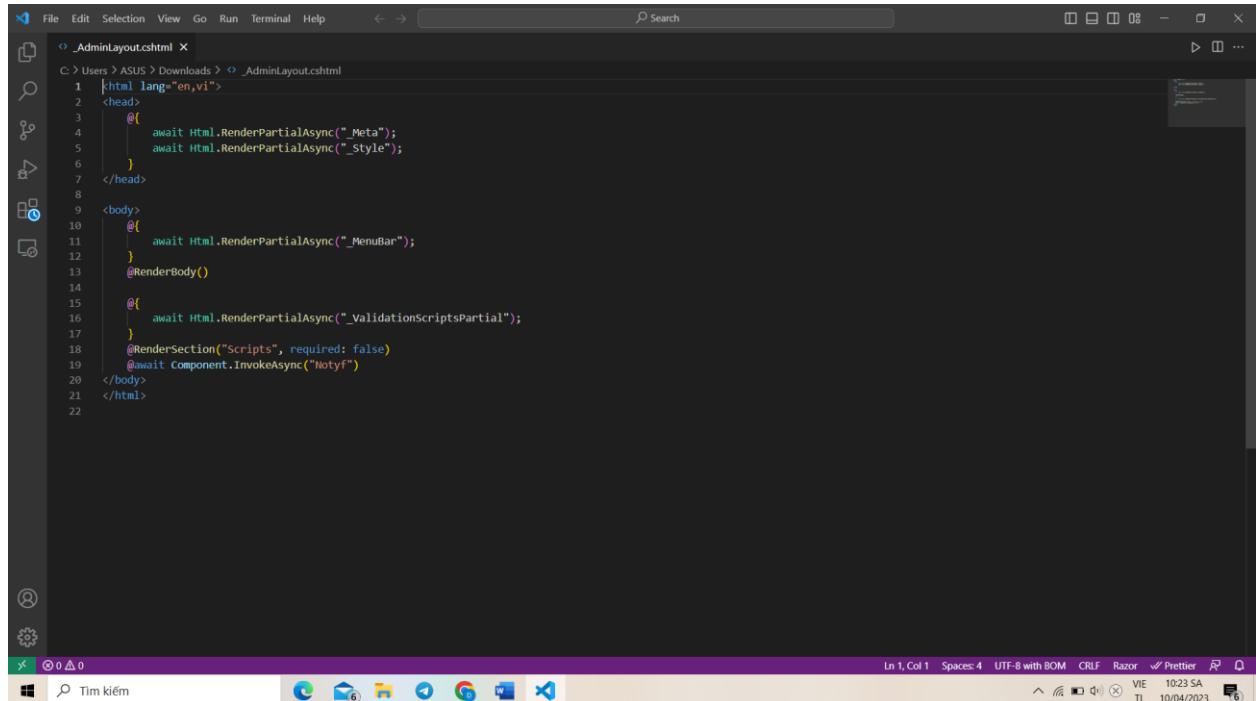
- **Notification :** Display a notification when a task is completed.



III. View

3.1 Share

_AdminLayout.cshtml

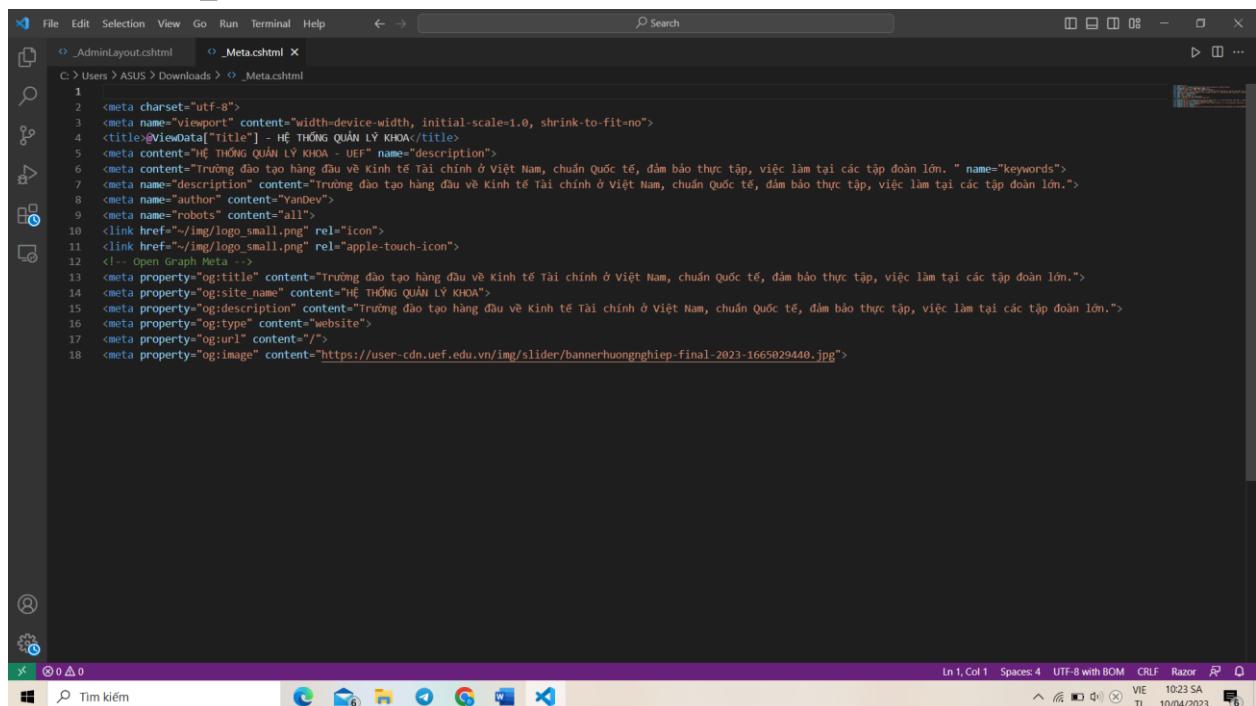


```
File Edit Selection View Go Run Terminal Help ⏪ ⏴ Search
□ □ □ 08 - □ ...
C:\Users\ASUS\Downloads > _AdminLayout.cshtml
1 <html lang="en,vi">
2   <head>
3     @{
4       await Html.RenderPartialAsync("_Meta");
5       await Html.RenderPartialAsync("_Style");
6     }
7   </head>
8
9   <body>
10    @{
11      await Html.RenderPartialAsync("_MenuBar");
12    }
13    @RenderBody()
14
15    @{
16      await Html.RenderPartialAsync("_ValidationScriptsPartial");
17    }
18    @RenderSection("Scripts", required: false)
19    @await Component.InvokeAsync("Notify")
20  </body>
21 </html>
22
```

The screenshot shows a code editor window with the file _AdminLayout.cshtml open. The code defines a standard HTML structure with a head section containing partial views for meta data and styles, and a body section containing a menu bar and the main content area.

With head:

- _Meta.cshtml



```
File Edit Selection View Go Run Terminal Help ⏪ ⏴ Search
□ □ □ 08 - □ ...
C:\Users\ASUS\Downloads > _Meta.cshtml
1 <meta charset="utf-8">
2 <meta name="viewport" content="width=device-width, initial-scale=1.0, shrink-to-fit=no">
3 <title>ViewData["title"] - HỆ THỐNG QUẢN LÝ KHOA</title>
4 <meta content="HỆ THỐNG QUẢN LÝ KHOA - UEF" name="description">
5 <meta content="Trường đào tạo hàng đầu về Kinh tế Tài chính ở Việt Nam, chuẩn Quốc tế, đảm bảo thực tập, việc làm tại các tập đoàn lớn." name="keywords">
6 <meta name="description" content="Trường đào tạo hàng đầu về Kinh tế Tài chính ở Việt Nam, chuẩn Quốc tế, đảm bảo thực tập, việc làm tại các tập đoàn lớn.">
7 <meta name="author" content="yandev">
8 <meta name="robots" content="all">
9 <link href="/img/logo_small.png" rel="icon">
10 <link href="/img/logo_small.png" rel="apple-touch-icon">
11 <!-- Open Graph Meta -->
12 <meta property="og:title" content="Trường đào tạo hàng đầu về Kinh tế Tài chính ở Việt Nam, chuẩn Quốc tế, đảm bảo thực tập, việc làm tại các tập đoàn lớn.">
13 <meta property="og:site_name" content="HỆ THỐNG QUẢN LÝ KHOA">
14 <meta property="og:description" content="Trường đào tạo hàng đầu về Kinh tế Tài chính ở Việt Nam, chuẩn Quốc tế, đảm bảo thực tập, việc làm tại các tập đoàn lớn.">
15 <meta property="og:type" content="website">
16 <meta property="og:url" content="/">
17 <meta property="og:image" content="https://user-cdn.uef.edu.vn/img/slider/bannerhuongnghiep-final-2023-1665029440.jpg"/>
```

The screenshot shows a code editor window with the file _Meta.cshtml open. This file contains meta tags for search engines and social sharing, including the title, description, keywords, and various Open Graph properties for sharing on platforms like Facebook and Twitter.

- _Style.cshtml

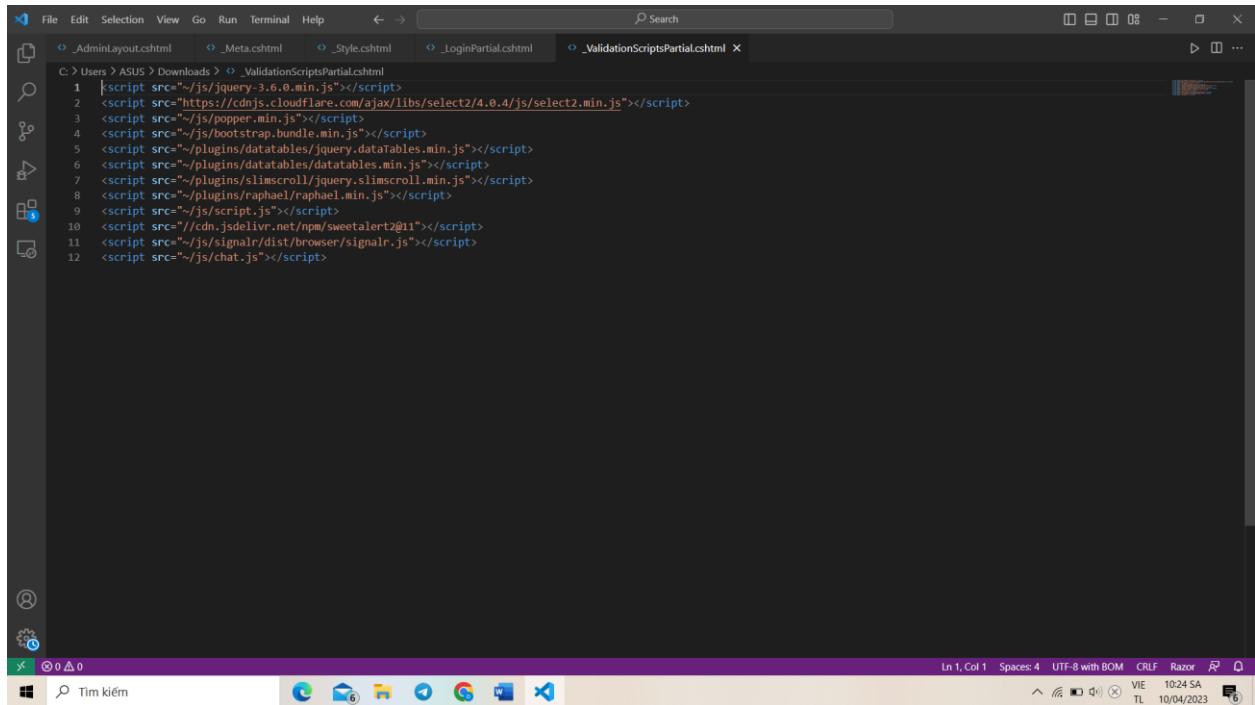
```
C:\> Users > ASUS > Downloads > _Style.cshtml
1  <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,500;0,600;0,700;1,400&display=swap">
2  @*<link href=~"/css/bootstrap.min.css" rel="stylesheet" />*@
3  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQIaokXa+058RXPxPg6fy4IwvTNh0E263XmFcJ1SAwi" rel="stylesheet">
4  <link href=~"/plugins/fontawesome/css/all.min.css" rel="stylesheet" />
5  <link href=~"/plugins/fontawesome/css/fontawesome.min.css" rel="stylesheet" />
6  <link rel="stylesheet" href=~"/plugins/datatables/dataTables.min.css" />
7  <link href=~"/css/iconify.min.css" rel="stylesheet" />
8  <link href=~"/plugins/morris/morris.css" rel="stylesheet" />
9  <link href=~"/css/style.css" rel="stylesheet" />
10 <link href=~"/css/style2.css" rel="stylesheet" />
11 @*<link rel="stylesheet" href=~"/plugins/select2/css/select2.min.css" />*@
12 <link href="https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.4/css/select2.min.css" rel="stylesheet" />
13 <link rel="stylesheet" href="select222.css">
14 @*<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>*@

15
```

With body:

- Member
 - _LoginPartial.cshtml

- _ValidationScriptsPartial.cshtml



```
C:\> Users > ASUS > Downloads > _ValidationScriptsPartial.cshtml
1 <script src="~/js/jquery-3.6.0.min.js"></script>
2 <script src="https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.4/js/select2.min.js"></script>
3 <script src="~/js/popper.min.js"></script>
4 <script src="~/js/bootstrap.bundle.min.js"></script>
5 <script src="~/plugins/datatables/jquery.dataTables.min.js"></script>
6 <script src="~/plugins/datatables/dataTables.min.js"></script>
7 <script src="~/plugins/slimscroll/jquery.slimscroll.min.js"></script>
8 <script src="~/plugins/raphael/raphael.min.js"></script>
9 <script src="~/js/script.js"></script>
10 <script src="//cdn.jsdelivr.net/npm/sweetalert2@11"></script>
11 <script src="~/js/signalr/dist/browser/signalr.js"></script>
12 <script src="~/js/chat.js"></script>
```

Link file code of all Share:

https://drive.google.com/drive/folders/1uGDPW0_28E1BuYDf5Ju144_8Zn5Y-QoS?usp=sharing

Then, layout Share to View: Event, Group, Member, Plans, Tasks. All have:

- Create.cshtml
- Delete.cshtml
- Details.cshtml
- Edit.cshtml
- Index.cshtml

3.2 Event

- Create.cshtml

- Delete.cshtml

The screenshot shows a Microsoft Visual Studio interface with the following details:

- File Explorer:** Shows files like AdminLayout.cshtml, Meta.cshtml, Style.cshtml, LoginPartial.cshtml, ValidationScriptsPartial.cshtml, Create.cshtml, Delete.cshtml (selected), and Details.cshtml.
- Solution Explorer:** Shows a single project named "QuanLyKhoaCNTTUEF.Models.Event".
- Code Editor:** Displays the content of Delete.cshtml. The code is a Razor view for deleting an event. It includes a title bar with the text "Quản Lý Sự Kiện - Xóa Sự Kiện", a header section with a back button and a delete button, and a main form for entering the event ID to be deleted.
- Status Bar:** Shows "Line 1, Col 1" and "Spaces: 4" and "UTF-8 with BOM".
- Task List:** Shows a list of tasks including "Delete.cshtml", "Index.cshtml", "Create.cshtml", and "Edit.cshtml".

```
C:\Users\ASUS\Downloads> Delete.cshtml
1  @model QuanLyKhoaCNTTUEF.Models.Event
2
3  @{
4      ViewData["Title"] = "Quản Lý Sự Kiện - Xóa Sự Kiện ";
5  }
6
7  <h1>Delete</h1>
8
9
10 <div class="page-wrapper">
11     <div class="content container-fluid">
12         <div class="page-header">
13             <div class="row align-items-center">
14                 <div class="col">
15                     <div class="mt-5">
16                         <h4 class="card-title float-left mt-2">@ViewData["Title"] @Html.DisplayFor(model => model.TenSuKien)</h4>
17                         <a asp-action="Index" class="btn btn-primary float-right veinbutton">Quay về</a>
18                     </div>
19                 </div>
20             </div>
21         </div>
22     <div class="row">
23         <dt class = "col-sm-2">
24             @Html.DisplayNameFor(model => model.TenSuKien)
25         </dt>
26         <dd class = "col-sm-10">
27             @Html.DisplayFor(model => model.TenSuKien)
28         </dd>
29         <dt class = "col-sm-2">
30             @Html.DisplayNameFor(model => model.NgayBD)
31         </dt>
32         <dd class = "col-sm-10">
33             @Html.DisplayFor(model => model.NgayBD)
34         </dd>
35         <dt class = "col-sm-2">
36             @Html.DisplayNameFor(model => model.NgayKT)
37         </dt>
38         <dd class = "col-sm-10">
39             @Html.DisplayFor(model => model.NgayKT)
40         </dd>
41     </div>
42 </div>
```

- Details.cshtml

The screenshot shows the Visual Studio IDE interface with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** Search bar at the top center.
- Toolbars:** Standard toolbar on the left.
- Code Editor:** The main window displays the `Details.cshtml` file content. The code uses Razor syntax to render a dashboard page for managing subjects. It includes navigation links for the home page and index, and displays subject information such as name, ID, and creation date.
- Solution Explorer:** A sidebar on the right shows the project structure with files like `_AdminLayout.cshtml`, `_Meta.cshtml`, `_Style.cshtml`, `_LoginPartial.cshtml`, `_ValidationScriptsPartial.cshtml`, `Create.cshtml`, `Delete.cshtml`, and `Details.cshtml`.
- Status Bar:** Shows the current line (Ln 1, Col 1), spaces used (Spaces: 4), encoding (UTF-8 with BOM), and file type (CRLF, Razor).
- Task List:** A small window on the bottom right lists tasks related to the current file.

- Edit.cshtml

● Index.cshtml

```

1 @model IEnumerable<QuanLyKhoaCNTTUEF.Models.Event>
2
3 @{
4     ViewData["Title"] = "Quản lý sự kiện";
5     var count = 1;
6     int? idEvent = -1;
7 }
8
9 <div class="page-wrapper">
10    <div class="content container-fluid">
11        <div class="page-header">
12            <div class="row align-items-center pageheader-title">
13                <div class="col-sm-12">
14                    <div class="mt-5">
15                        <div class="page-sub-header">
16                            <h3 class="page-title float-left mt-2">@ViewData["Title"]</h3>
17                            <ul class="breadcrumb float-right mt-3">
18                                <li class="breadcrumb-item"><a href="#" asp-controller="Home" asp-action="Index">Dashboard</a></li>
19                                <li class="breadcrumb-item text-secondary">@ViewData["Title"]</li>
20                            </ul>
21                        </div>
22                    </div>
23                </div>
24            </div>
25        </div>
26        <div class="row">
27            <div class="col-xl-3 col-sm-6 col-12">
28                <div class="card border-0 fill">
29                    <div class="card-body">
30                        <div class="dash-widget-header">
31                            <div>
32                                <h3 class="card widget header">@ViewData["MaxEvent"]</h3>
33                                <h6 class="text-muted">Số lượng Sự Kiện</h6>
34                            </div>
35                            <div class="ml-auto mt-md-3 mt-lg-0">
36                                <span class="opacity_7 text-muted">
37

```

Link file code of all Event:

https://drive.google.com/drive/folders/1Ce79TkY8OBpYNTrY5S_b23EFRhAXrYBE?usp=sharing

3.3 Group

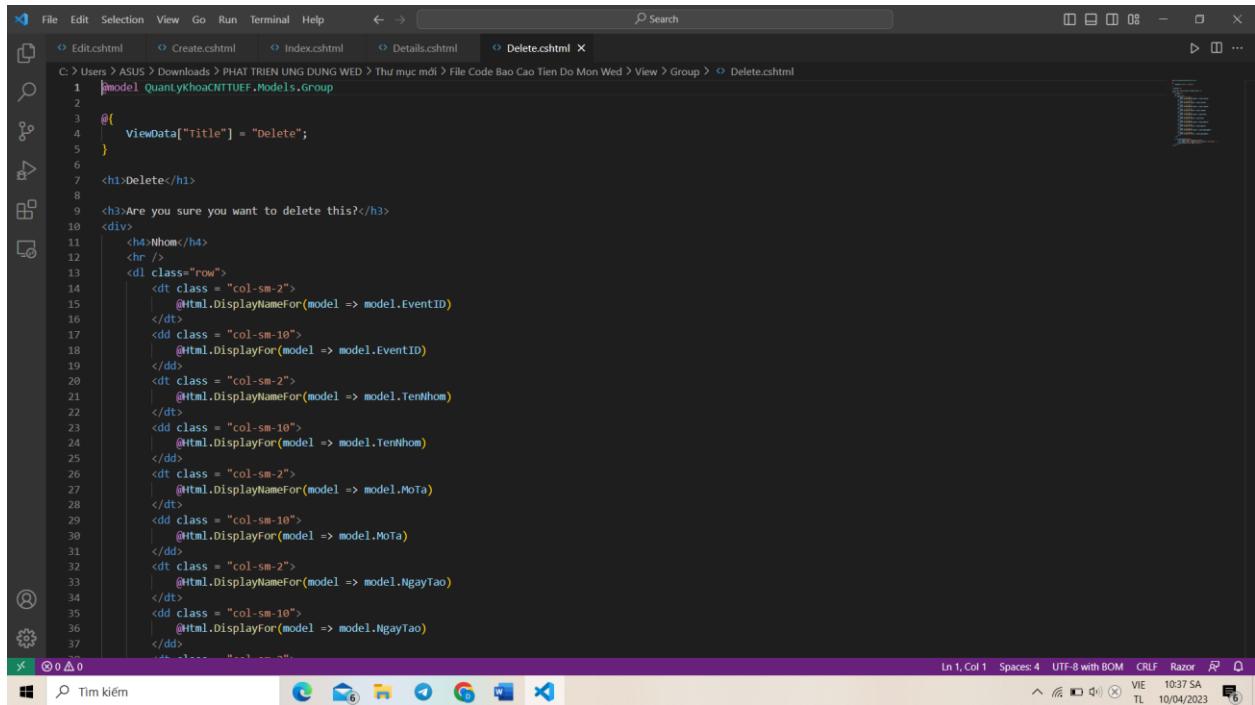
● Create.cshtml

```

1 @model QuanLyKhoaCNTTUEF.Models.Group
2
3 @{
4     ViewData["Title"] = "Create";
5 }
6 <hr />
7 <div class="page-wrapper" style="min-height: 941px;">
8     <div class="content container-fluid">
9         <div class="page-header">
10            <div class="row align-items-center">
11                <div class="col">
12                    <div class="mt-5">
13                        <h4 class="card-title float-left mt-2">@ViewData["Title"]</h4>
14                        <a href="#" asp-action="Index" class="btn btn-primary float-right viewbutton">Quay về</a>
15                    </div>
16                </div>
17            </div>
18        </div>
19        <div class="row">
20            <div class="col-lg-12">
21
22                <div class="card">
23
24                    <div class="card-body">
25                        <form asp-action="Create">
26                            <div asp-validation-summary="ModelOnly" class="text-danger"></div>
27                            @*<div class="form-group">
28                                <label asp-for="EventID" class="control-label hidden"></label>
29                                <input asp-for="EventID" class="form-control" value="@ViewData["IDSukien"]" readonly />
30                                <span asp-validation-for="EventID" class="text-danger"></span>
31                            </div*>
32                            @*<select asp-for="EventID" name="EventID" class="form-control">
33                                @foreach (var eventItem in ViewBag.EventList)
34                                {
35                                    <option value="@eventItem.Value" @((eventItem.Selected ? "selected" : ""))>@eventItem.Text</option>
36                                }
37                            </select*>

```

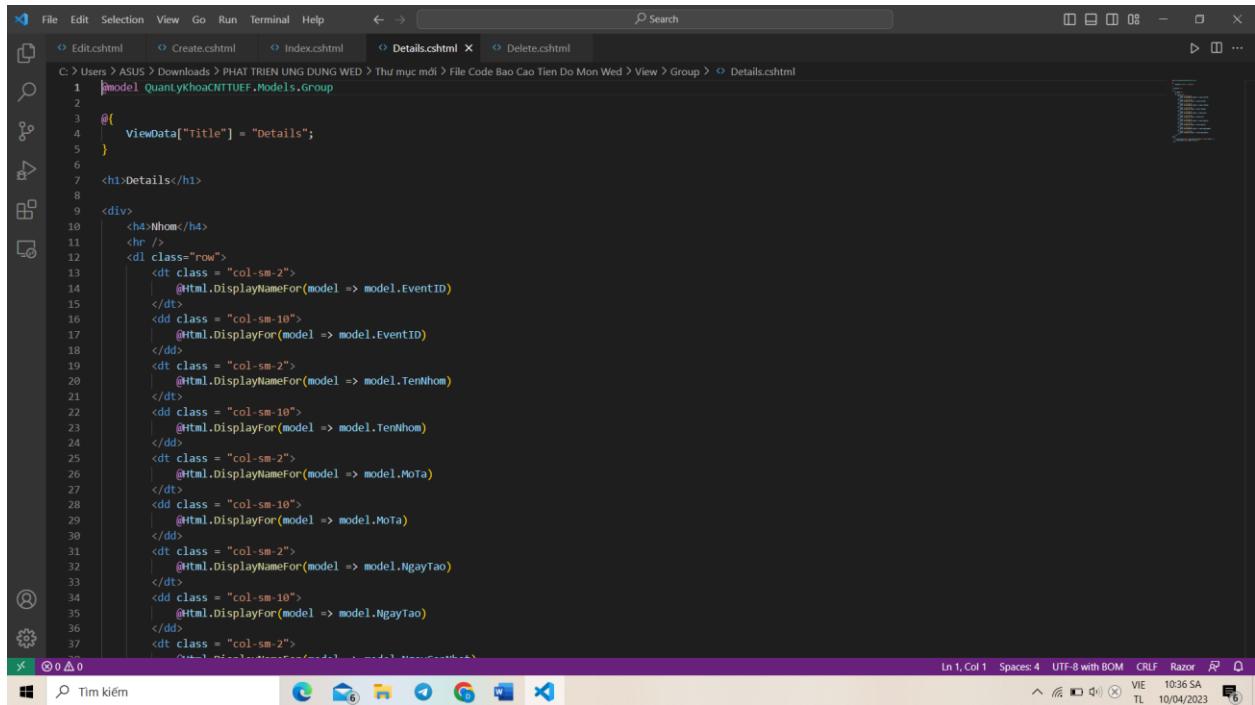
● Delete.cshtml



The screenshot shows a code editor window with the Delete.cshtml file open. The file contains C# Razor code for a delete view. The code includes a title section, a confirmation message, and a table structure for displaying event details. The code uses Bootstrap classes for layout.

```
1  @model Quant_ykhoaCNTTUEF.Models.Group
2
3  @{
4      ViewData["title"] = "Delete";
5  }
6
7  <h1>Delete</h1>
8
9  <h3>Are you sure you want to delete this?</h3>
10 <div>
11     <h4>Nhom</h4>
12     <hr />
13     <dl class="row">
14         <dt class = "col-sm-2">
15             @Html.DisplayNameFor(model => model.EventID)
16         </dt>
17         <dd class = "col-sm-10">
18             @Html.DisplayFor(model => model.EventID)
19         </dd>
20         <dt class = "col-sm-2">
21             @Html.DisplayNameFor(model => model.TenNhom)
22         </dt>
23         <dd class = "col-sm-10">
24             @Html.DisplayFor(model => model.TenNhom)
25         </dd>
26         <dt class = "col-sm-2">
27             @Html.DisplayNameFor(model => model.Mota)
28         </dt>
29         <dd class = "col-sm-10">
30             @Html.DisplayFor(model => model.Mota)
31         </dd>
32         <dt class = "col-sm-2">
33             @Html.DisplayNameFor(model => model.NgayTao)
34         </dt>
35         <dd class = "col-sm-10">
36             @Html.DisplayFor(model => model.NgayTao)
37         </dd>
38     </dl>
39 </div>
```

● Details.cshtml



The screenshot shows a code editor window with the Details.cshtml file open. The file contains C# Razor code for a details view. The code includes a title section, a confirmation message, and a table structure for displaying event details. The code uses Bootstrap classes for layout.

```
1  @model Quant_ykhoaCNTTUEF.Models.Group
2
3  @{
4      ViewData["title"] = "Details";
5  }
6
7  <h1>Details</h1>
8
9  <div>
10     <h4>Nhom</h4>
11     <hr />
12     <dl class="row">
13         <dt class = "col-sm-2">
14             @Html.DisplayNameFor(model => model.EventID)
15         </dt>
16         <dd class = "col-sm-10">
17             @Html.DisplayFor(model => model.EventID)
18         </dd>
19         <dt class = "col-sm-2">
20             @Html.DisplayNameFor(model => model.TenNhom)
21         </dt>
22         <dd class = "col-sm-10">
23             @Html.DisplayFor(model => model.TenNhom)
24         </dd>
25         <dt class = "col-sm-2">
26             @Html.DisplayNameFor(model => model.Mota)
27         </dt>
28         <dd class = "col-sm-10">
29             @Html.DisplayFor(model => model.Mota)
30         </dd>
31         <dt class = "col-sm-2">
32             @Html.DisplayNameFor(model => model.NgayTao)
33         </dt>
34         <dd class = "col-sm-10">
35             @Html.DisplayFor(model => model.NgayTao)
36         </dd>
37     </dl>
38 </div>
```

- Edit.cshtml

- Index.cshtml

```
File Edit Selection View Go Run Terminal Help ↵ ⌘ Search

Edit.cshtml Create.cshtml Index.cshtml Details.cshtml Delete.cshtml

C:\Users\ASUS\Downloads> PHAT TRIEN UNG DUNG WED > Thư mục mới > File Code Bao Cao Tien Do Mon Wed > View > Group > Index.cshtml
1 @model IEnumerable<QuanlykhoaCNITUEF.Models.Event>
2
3 @{
4     ViewData["title"] = "DashboardTest";
5     Layout = "~/Areas/Admin/Views/Shared/_AdminLayout.cshtml";
6 }
7 <div class="page-wrapper" style="min-height: 941px;">
8     <div class="content container-fluid">
9         <div class="page-header">
10             <div class="row align-items-center">
11                 <div class="col">
12                     <div class="mt-5">
13                         <h3 class="card-title float-left mt-2">Quản lý nhóm</h3>
14                         <ul class="breadcrumb float-right mt-3">
15                             <li class="breadcrumb-item"><a asp-controller="Home" asp-action="Index">Dashboard</a></li>
16                             <li class="breadcrumb-item text-secondary">Quản Lý Nhóm</li>
17                         </ul>
18                     </div>
19                 </div>
20             </div>
21         <div class="row">
22             <div class="col-sm-3">
23                 <form method="get" action="/Admin/Event">
24                     <div class="mb-3 bg-light rounded rounded-pill shadow-sm mb-4" style="border-radius: 15px !important; box-shadow: 0 .125rem .25rem rgba(0,0,0,.075) !impo
25                         <div class="input-group">
26                             <input type="search" name="SearchString" placeholder="Nhập từ bạn cần tìm" aria-describedby="button-addon1" class="form-control border-0 bg-l
27                             <div class="input-group-append">
28                                 <button id="button-addon1" type="submit" class="btn btn-link text-primary"><i class="fa fa-search"></i></button>
29                             </div>
30                         </div>
31                     </div>
32                 </form>
33             </div>
34         </div>
35     </div>
36     @{
37         foreach (var eventID in Model)
38     }
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
229
230
231
232
233
234
235
236
237
238
239
239
240
241
242
243
244
245
246
247
248
249
249
250
251
252
253
254
255
256
257
258
259
259
260
261
262
263
264
265
266
267
268
269
269
270
271
272
273
274
275
276
277
278
279
279
280
281
282
283
284
285
286
287
288
289
289
290
291
292
293
294
295
296
297
298
299
299
300
301
302
303
304
305
306
307
308
309
309
310
311
312
313
314
315
316
317
318
319
319
320
321
322
323
324
325
326
327
328
329
329
330
331
332
333
334
335
336
337
338
339
339
340
341
342
343
344
345
346
347
348
349
349
350
351
352
353
354
355
356
357
358
359
359
360
361
362
363
364
365
366
367
367
368
369
369
370
371
372
373
374
375
375
376
377
378
379
379
380
381
382
383
384
385
385
386
387
387
388
389
389
390
391
392
393
393
394
395
395
396
397
397
398
398
399
399
400
400
401
401
402
402
403
403
404
404
405
405
406
406
407
407
408
408
409
409
410
410
411
411
412
412
413
413
414
414
415
415
416
416
417
417
418
418
419
419
420
420
421
421
422
422
423
423
424
424
425
425
426
426
427
427
428
428
429
429
430
430
431
431
432
432
433
433
434
434
435
435
436
436
437
437
438
438
439
439
440
440
441
441
442
442
443
443
444
444
445
445
446
446
447
447
448
448
449
449
450
450
451
451
452
452
453
453
454
454
455
455
456
456
457
457
458
458
459
459
460
460
461
461
462
462
463
463
464
464
465
465
466
466
467
467
468
468
469
469
470
470
471
471
472
472
473
473
474
474
475
475
476
476
477
477
478
478
479
479
480
480
481
481
482
482
483
483
484
484
485
485
486
486
487
487
488
488
489
489
490
490
491
491
492
492
493
493
494
494
495
495
496
496
497
497
498
498
499
499
500
500
501
501
502
502
503
503
504
504
505
505
506
506
507
507
508
508
509
509
510
510
511
511
512
512
513
513
514
514
515
515
516
516
517
517
518
518
519
519
520
520
521
521
522
522
523
523
524
524
525
525
526
526
527
527
528
528
529
529
530
530
531
531
532
532
533
533
534
534
535
535
536
536
537
537
538
538
539
539
540
540
541
541
542
542
543
543
544
544
545
545
546
546
547
547
548
548
549
549
550
550
551
551
552
552
553
553
554
554
555
555
556
556
557
557
558
558
559
559
560
560
561
561
562
562
563
563
564
564
565
565
566
566
567
567
568
568
569
569
570
570
571
571
572
572
573
573
574
574
575
575
576
576
577
577
578
578
579
579
580
580
581
581
582
582
583
583
584
584
585
585
586
586
587
587
588
588
589
589
590
590
591
591
592
592
593
593
594
594
595
595
596
596
597
597
598
598
599
599
600
600
601
601
602
602
603
603
604
604
605
605
606
606
607
607
608
608
609
609
610
610
611
611
612
612
613
613
614
614
615
615
616
616
617
617
618
618
619
619
620
620
621
621
622
622
623
623
624
624
625
625
626
626
627
627
628
628
629
629
630
630
631
631
632
632
633
633
634
634
635
635
636
636
637
637
638
638
639
639
640
640
641
641
642
642
643
643
644
644
645
645
646
646
647
647
648
648
649
649
650
650
651
651
652
652
653
653
654
654
655
655
656
656
657
657
658
658
659
659
660
660
661
661
662
662
663
663
664
664
665
665
666
666
667
667
668
668
669
669
670
670
671
671
672
672
673
673
674
674
675
675
676
676
677
677
678
678
679
679
680
680
681
681
682
682
683
683
684
684
685
685
686
686
687
687
688
688
689
689
690
690
691
691
692
692
693
693
694
694
695
695
696
696
697
697
698
698
699
699
700
700
701
701
702
702
703
703
704
704
705
705
706
706
707
707
708
708
709
709
710
710
711
711
712
712
713
713
714
714
715
715
716
716
717
717
718
718
719
719
720
720
721
721
722
722
723
723
724
724
725
725
726
726
727
727
728
728
729
729
730
730
731
731
732
732
733
733
734
734
735
735
736
736
737
737
738
738
739
739
740
740
741
741
742
742
743
743
744
744
745
745
746
746
747
747
748
748
749
749
750
750
751
751
752
752
753
753
754
754
755
755
756
756
757
757
758
758
759
759
760
760
761
761
762
762
763
763
764
764
765
765
766
766
767
767
768
768
769
769
770
770
771
771
772
772
773
773
774
774
775
775
776
776
777
777
778
778
779
779
780
780
781
781
782
782
783
783
784
784
785
785
786
786
787
787
788
788
789
789
790
790
791
791
792
792
793
793
794
794
795
795
796
796
797
797
798
798
799
799
800
800
801
801
802
802
803
803
804
804
805
805
806
806
807
807
808
808
809
809
810
810
811
811
812
812
813
813
814
814
815
815
816
816
817
817
818
818
819
819
820
820
821
821
822
822
823
823
824
824
825
825
826
826
827
827
828
828
829
829
830
830
831
831
832
832
833
833
834
834
835
835
836
836
837
837
838
838
839
839
840
840
841
841
842
842
843
843
844
844
845
845
846
846
847
847
848
848
849
849
850
850
851
851
852
852
853
853
854
854
855
855
856
856
857
857
858
858
859
859
860
860
861
861
862
862
863
863
864
864
865
865
866
866
867
867
868
868
869
869
870
870
871
871
872
872
873
873
874
874
875
875
876
876
877
877
878
878
879
879
880
880
881
881
882
882
883
883
884
884
885
885
886
886
887
887
888
888
889
889
890
890
891
891
892
892
893
893
894
894
895
895
896
896
897
897
898
898
899
899
900
900
901
901
902
902
903
903
904
904
905
905
906
906
907
907
908
908
909
909
910
910
911
911
912
912
913
913
914
914
915
915
916
916
917
917
918
918
919
919
920
920
921
921
922
922
923
923
924
924
925
925
926
926
927
927
928
928
929
929
930
930
931
931
932
932
933
933
934
934
935
935
936
936
937
937
938
938
939
939
940
940
941
941
942
942
943
943
944
944
945
945
946
946
947
947
948
948
949
949
950
950
951
951
952
952
953
953
954
954
955
955
956
956
957
957
958
958
959
959
960
960
961
961
962
962
963
963
964
964
965
965
966
966
967
967
968
968
969
969
970
970
971
971
972
972
973
973
974
974
975
975
976
976
977
977
978
978
979
979
980
980
981
981
982
982
983
983
984
984
985
985
986
986
987
987
988
988
989
989
990
990
991
991
992
992
993
993
994
994
995
995
996
996
997
997
998
998
999
999
1000
1000
1001
1001
1002
1002
1003
1003
1004
1004
1005
1005
1006
1006
1007
1007
1008
1008
1009
1009
1010
1010
1011
1011
1012
1012
1013
1013
1014
1014
1015
1015
1016
1016
1017
1017
1018
1018
1019
1019
1020
1020
1021
1021
1022
1022
1023
1023
1024
1024
1025
1025
1026
1026
1027
1027
1028
1028
1029
1029
1030
1030
1031
1031
1032
1032
1033
1033
1034
1034
1035
1035
1036
1036
1037
1037
1038
1038
1039
1039
1040
1040
1041
1041
1042
1042
1043
1043
1044
1044
1045
1045
1046
1046
1047
1047
1048
1048
1049
1049
1050
1050
1051
1051
1052
1052
1053
1053
1054
1054
1055
1055
1056
1056
1057
1057
1058
1058
1059
1059
1060
1060
1061
1061
1062
1062
1063
1063
1064
1064
1065
1065
1066
1066
1067
1067
1068
1068
1069
1069
1070
1070
1071
1071
1072
1072
1073
1073
1074
1074
1075
1075
1076
1076
1077
1077
1078
1078
1079
1079
1080
1080
1081
1081
1082
1082
1083
1083
1084
1084
1085
1085
1086
1086
1087
1087
1088
1088
1089
1089
1090
1090
1091
1091
1092
1092
1093
1093
1094
1094
1095
1095
1096
1096
1097
1097
1098
1098
1099
1099
1100
1100
1101
1101
1102
1102
1103
1103
1104
1104
1105
1105
1106
1106
1107
1107
1108
1108
1109
1109
1110
1110
1111
1111
1112
1112
1113
1113
1114
1114
1115
1115
1116
1116
1117
1117
1118
1118
1119
1119
1120
1120
1121
1121
1122
1122
1123
1123
1124
1124
1125
1125
1126
1126
1127
1127
1128
1128
1129
1129
1130
1130
1131
1131
1132
1132
1133
1133
1134
1134
1135
1135
1136
1136
1137
1137
1138
1138
1139
1139
1140
1140
1141
1141
1142
1142
1143
1143
1144
1144
1145
1145
1146
1146
1147
1147
1148
1148
1149
1149
1150
1150
1151
1151
1152
1152
1153
1153
1154
1154
1155
1155
1156
1156
1157
1157
1158
1158
1159
1159
1160
1160
1161
1161
1162
1162
1163
1163
1164
1164
1165
1165
1166
1166
1167
1167
1168
1168
1169
1169
1170
1170
1171
1171
1172
1172
1173
1173
1174
1174
1175
1175
1176
1176
1177
1177
1178
1178
1179
1179
1180
1180
1181
1181
1182
1182
1183
1183
1184
1184
1185
1185
1186
1186
1187
1187
1188
1188
1189
1189
1190
1190
1191
1191
1192
1192
1193
1193
1194
1194
1195
1195
1196
1196
1197
1197
1198
1198
1199
1199
1200
1200
1201
1201
1202
1202
1203
1203
1204
1204
1205
1205
1206
1206
1207
1207
1208
1208
1209
1209
1210
1210
1211
1211
1212
1212
1213
1213
1214
1214
1215
1215
1216
1216
1217
1217
1218
1218
1219
1219
1220
1220
1221
1221
1222
1222
1223
1223
1224
1224
1225
1225
1226
1226
1227
1227
1228
1228
1229
1229
1230
1230
1231
1231
1232
1232
1233
1233
1234
1234
1235
1235
1236
1236
1237
1237
1238
1238
1239
1239
1240
1240
1241
1241
1242
1242
1243
1243
1244
1244
1245
1245
1246
1246
1247
1247
1248
1248
1249
1249
1250
1250
1251
1251
1252
1252
1253
1253
1254
1254
1255
1255
1256
1256
1257
1257
1258
1258
1259
1259
1260
1260
1261
1261
1262
1262
1263
1263
1264
1264
1265
1265
1266
1266
1267
1267
1268
1268
1269
1269
1270
1270
1271
1271
1272
1272
1273
1273
1274
1274
1275
1275
1276
1276
1277
1277
1278
1278
1279
1279
1280
1280
1281
1281
1282
1282
1283
1283
1284
1284
1285
1285
1286
1286
1287
1287
1288
1288
1289
1289
1290
1290
1291
1291
1292
1292
1293
1293
1294
1294
1295
1295
1296
1296
1297
1297
1298
1298
1299
1299
1300
1300
1301
1301
1302
1302
1303
1303
1304
1304
1305
1305
1306
1306
1307
1307
1308
1308
1309
1309
1310
1310
1311
1311
1312
1312
1313
1313
1314
1314
1315
1315
1316
1316
1317
1317
1318
1318
1319
1319
1320
1320
1321
1321
1322
1322
1323
1323
1324
1324
1325
1325
1326
1326
1327
1327
1328
1328
1329
1329
1330
1330
1331
1331
1332
1332
1333
1333
1334
1334
1335
1335
1336
1336
1337
1337
1338
1338
1339
1339
1340
1340
1341
1341
1342
1342
1343
1343
1344
1344
1345
1345
1346
1346
1347
1347
1348
1348
1349
1349
1350
1350
1351
1351
1352
1352
1353
1353
1354
1354
1355
1355
1356
1356
1357
1357
1358
1358
1359
1359
1360
1360
1361
1361
1362
1362
1363
1363
1364
1364
1365
1365
1366
1366
1367
1367
1368
1368
1369
1369
1370
1370
1371
1371
1372
1372
1373
1373
1374
1374
1375
1375
1376
1376
1377
1377
1378
1378
1379
1379
1380
1380
1381
1381
1382
1382
1383
1383
1384
1384
1385
1385
1386
1386
1387
1387
1388
1388
1389
1389
1390
1390
1391
1391
1392
1392
1393
1393
1394
1394
1395
1395
1396
1396
1397
1397
1398
1398
1399
1399
1400
1400
1401
1401
1402
1402
1403
1403
1404
1404
1405
1405
1406
1406
1407
1407
1408
1408
1409
1409
1410
1410
1411
1411
1412
1412
1413
1413
1414
1414
1415
1415
1416
1416
1417
1417
1418
1418
1419
1419
1420
1420
1421
1421
1422
1422
1423
1423
1424
1424
1425
1425
1426
1426
1427
1427
1428
1428
1429
1429
1430
1430
1431
1431
1432
1432
1433
1433
1434
1434
1435
1435
1436
1436
1437
1437
1438
1438
1439
1439
1440
1440
1441
1441
1442
1442
1443
1443
1444
1444
1445
1445
1446
1446
1447
1447
1448
1448
1449
1449
1450
1450
1451
1451
1452
1452
1453
1453
1454
1454
1455
1455
1456
1456
1457
1457
1458
1458
1459
1459
1460
1460
1461
1461
1462
1462
1463
1463
1464
1464
1465
1465
1466
1466
1467
1467
1468
1468
1469
1469
1470
1470
1471
1471
1472
1472
1473
1473
1474
1474
1475
1475
1476
1476
1477
1477
1478
1478
1479
1479
1480
1480
1481
1481
1482
1482
1483
1483
1484
1484
1485
1485
1486
1486
1487
1487
1488
1488
1489
1489
1490
1490
1491
1491
1492
1492
1493
1493
1494
1494
1495
1495
1496
1496
1497
1497
1498
1498
1499
1499
1500
1500
1501
1501
1502
1502
1503
1503
1504
1504
1505
1505
1506
1506
1507
1507
1508
1508
1509
1509
1510
1510
1511
1511
1512
1512
1513
1513
1514
1514
1515
1515
1516
1516
1517
1517
1518
1518
1519
1519
1520
1520
1521
1521
1522
1522
1523
1523
1524
1524
1525
1525
1526
1526
1527
1527
1528
1528
1529
1529
1530
1530
1531
1531
1532
1532
1533
1533
1534
1534
1535
1535
1536
1536
153
```

Link file code of all Group:

https://drive.google.com/drive/folders/1_InnATRZ756CYAgFrqwFcPEjpz81NvZ8?usp=sharing

3.4 Member

- Create.cshtml

The screenshot shows the Visual Studio code editor with the 'Create.cshtml' file open. The file path is 'C:\Users\ASUS\Downloads\PHAT TRIEN UNG DUNG WEB\Thư mục mới\File Code Bao Cao Tien Do Mon Wed\View\Member>Create.cshtml'. The code is a Razor view for creating a new member group. It includes a header with a breadcrumb navigation, a download button, and a create button. The main part of the view contains a form for selecting users and groups.

```
1 @model QuanLyKhoaCHITUEF.Models.MembersGroups
2
3 @{
4     ViewData["Title"] = "Create";
5     Layout = "~/Areas/Admin/Views/shared/_AdminLayout.cshtml";
6 }
7
8 <div class="page-wrapper" style="min-height: 941px;">
9     <div class="content container-fluid">
10         <div class="page-header">
11             <div class="row align-items-center mt-5">
12                 <div class="col">
13                     <h3 class="page-title">@ViewData["Title"]</h3>
14                     <ul class="breadcrumb">
15                         <li class="breadcrumb-item"><a asp-controller="Home" asp-action="Index">Dashboard</a></li>
16                         <li class="breadcrumb-item active">@ViewBag.GroupName</li>
17                     </ul>
18                 </div>
19                 <div class="col-auto">
20                     <a asp-action="DownLoadData" asp-route-filename="SuKien" class="btn btn-primary me-1" role="button">
21                         <i class="fas fa-download"></i> download
22                     </a>
23                     @*
24                         <a asp-action="Create" class="btn btn-primary me-1" role="button">
25                             </a>*
26                     </div>
27                 </div>
28             </div>
29             <div class="row">
30                 <div class="col-md-4">
31                     <form asp-action="Create" asp-route-id="@ViewBag.GroupId" method="post">
32                         <div asp-validation-summary="ModelOnly" class="text-danger"></div>
33                         <div class="form-group">
34                             <label for="userId" class="control-label"></label>
35                             <select name="userId" id="mySelect" class="js-select2 w-100 form-control" multiple data-placeholder="choose anything" asp-items="ViewBag.UserID">
36                             </select>
37                         <div class="form-group">
38                             <button type="submit" class="btn btn-primary" value="Create">Create</button>
39                         </div>
40                     </form>
41                 </div>
42             </div>
43         </div>
44     </div>
45 
```

- Delete.cshtml

The screenshot shows the Visual Studio code editor with the 'Delete.cshtml' file open. The file path is 'C:\Users\ASUS\Downloads\PHAT TRIEN UNG DUNG WEB\Thư mục mới\File Code Bao Cao Tien Do Mon Wed\View\Member>Delete.cshtml'. The code is a Razor view for deleting a member group. It displays a confirmation message and a table showing the details of the group to be deleted, including its application user, ID, group, tasks, and roles.

```
1 @model QuanLyKhoaCHITUEF.Models.MembersGroups
2
3 @{
4     ViewData["Title"] = "Delete";
5     Layout = "~/Areas/Admin/Views/shared/_AdminLayout.cshtml";
6 }
7
8 <h1>Delete</h1>
9
10 <h3>Are you sure you want to delete this?</h3>
11 <div>
12     <h4>MembersGroups</h4>
13     <hr />
14     <dl class="row">
15         <dt class="col-sm-2">
16             @Html.DisplayNameFor(model => model.ApplicationUser)
17         </dt>
18         <dd class="col-sm-10">
19             @Html.DisplayFor(model => model.ApplicationUser.Id)
20         </dd>
21         <dt class="col-sm-2">
22             @Html.DisplayNameFor(model => model.Group)
23         </dt>
24         <dd class="col-sm-10">
25             @Html.DisplayFor(model => model.Group.GroupID)
26         </dd>
27         <dt class="col-sm-2">
28             @Html.DisplayNameFor(model => model.Task)
29         </dt>
30         <dd class="col-sm-10">
31             @Html.DisplayFor(model => model.Task.TaskID)
32         </dd>
33         <dt class="col-sm-2">
34             @Html.DisplayNameFor(model => model.RoleName)
35         </dt>
36         <dd class="col-sm-10">
37             @Html.DisplayFor(model => model.RoleName)
38         </dd>
39     </dl>
40 </div>
```

● Details.cshtml

```

1 @model QuantyKhoaCNTTUEF.Models.MembersGroups
2
3 @{
4     ViewData["Title"] = "Details";
5     Layout = "~/Areas/Admin/Views/Shared/_AdminLayout.cshtml";
6 }
7
8 <h1>Details</h1>
9
10 <div>
11     <h4>MembersGroups</h4>
12     <hr />
13     <dl class="row">
14         <dt class="col-sm-2">
15             @Html.DisplayNameFor(model => model ApplicationUser)
16         </dt>
17         <dd class="col-sm-10">
18             @Html.DisplayFor(model => model ApplicationUser.Id)
19         </dd>
20         <dt class="col-sm-2">
21             @Html.DisplayNameFor(model => model.Group)
22         </dt>
23         <dd class="col-sm-10">
24             @Html.DisplayFor(model => model.Group.GroupID)
25         </dd>
26         <dt class="col-sm-2">
27             @Html.DisplayNameFor(model => model.Task)
28         </dt>
29         <dd class="col-sm-10">
30             @Html.DisplayFor(model => model.Task.TaskID)
31         </dd>
32         <dt class="col-sm-2">
33             @Html.DisplayNameFor(model => model.RoleName)
34         </dt>
35         <dd class="col-sm-10">
36             @Html.DisplayFor(model => model.RoleName)
37         </dd>
38     </dl>
39 </div>

```

● Edit.cshtml

```

1 @model QuantyKhoaCNTTUEF.Models.MembersGroups
2
3 @{
4     ViewData["Title"] = "Edit";
5     Layout = "~/Areas/Admin/Views/Shared/_AdminLayout.cshtml";
6 }
7
8 <div class="page-wrapper">
9     <div class="content container-fluid">
10         <div class="content container-fluid">
11             <div class="page-header">
12                 <div class="row align-items-center">
13                     <div class="col">
14                         <div class="mt-5">
15                             <h4 class="card-title float-left mt-2">@ViewData["Title"] @Html.DisplayNameFor(model => model ApplicationUser.FullName)</h4>
16                             <a asp-action="Index" asp-route-id="@Model.GroupId" class="btn btn-primary float-right viewbutton">Quay về</a>
17                         </div>
18                     </div>
19                 </div>
20             </div>
21             <div class="row">
22                 <div class="col-lg-12">
23
24                     <div class="card">
25                         <div class="card-body">
26                             <form asp-action="Edit">
27                                 <div asp-validation-summary="ModelOnly" class="text-danger"></div>
28                                 <input type="hidden" asp-for="MemberGroupId" />
29                                 <div class="form-group">
30                                     <label asp-for="UserID" class="control-label"></label>
31                                     <input value="@ViewBag.UserName" class="form-control" readonly />
32                                     <input type="hidden" asp-for="UserID" class="form-control" value="@ViewBag.UserID" readonly />
33                                     <span asp-validation-for="UserID" class="text-danger"></span>
34                                 </div>
35                                 <div class="form-group">
36                                     <label asp-for="GroupId" class="control-label"></label>
37                                     <input type="hidden" asp-for="GroupId" class="form-control" value="@ViewBag.GroupID" />
38                                 </div>
39                             </form>
40                         </div>
41                     </div>
42                 </div>
43             </div>
44         </div>
45     </div>
46 
```

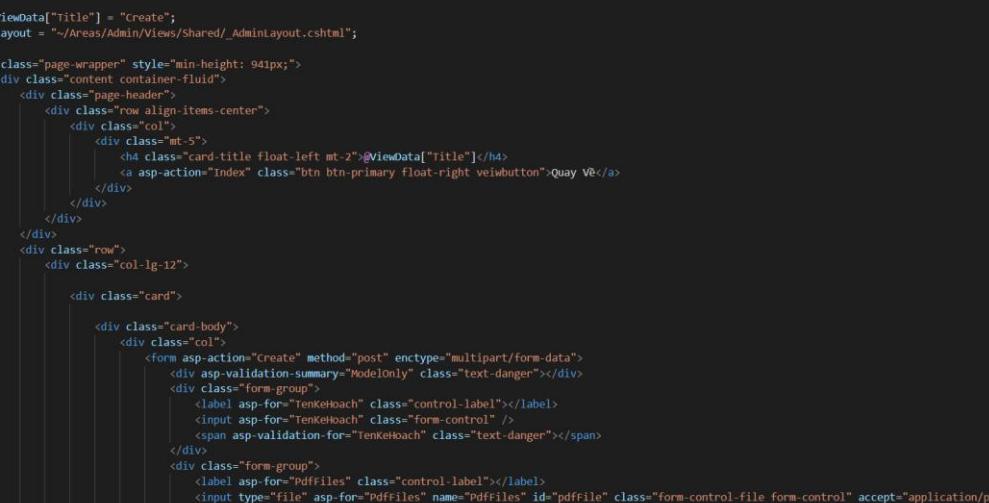
- Index.cshtml

Link file code of all Member:

[https://drive.google.com/drive/folders/1PqBuCkSBjyUFQJu1PmN5KpfN3we25YmF
?usp=sharing](https://drive.google.com/drive/folders/1PqBuCkSBjyUFQJu1PmN5KpfN3we25YmF?usp=sharing)

3.5 Plans

- Create.cshtml



The screenshot shows the Microsoft Visual Studio IDE interface with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** Search bar at the top right.
- Solution Explorer:** On the left, showing files like Create.cshtml, Delete.cshtml, Edit.cshtml, Details.cshtml, and Index.cshtml.
- Toolbars:** Standard toolbar with icons for New, Open, Save, Print, etc.
- Code Editor:** The main area displays the C# code for the Create.cshtml view. The code uses Bootstrap CSS classes and ASP.NET MVC syntax (e.g., `asp-for`, `asp-validation-summary`) to create a form for creating a new record. The code includes validation messages and file input fields for PDF files.
- Status Bar:** Shows "Ln 1, Col 1" and "UTF-8 with BOM, CR LF, Razor".
- Task List:** Task list icon at the bottom right.

● Delete.cshtml

The screenshot shows the Visual Studio code editor with the Delete.cshtml file open. The file contains C# Razor code for a delete confirmation page. It includes a title, a row of columns for plan details, and a confirmation message. The code uses Bootstrap classes for layout.

```
1 @model QuantyKhoaCNTTUEF.Models.Plan
2
3 @{
4     ViewData["Title"] = "Delete";
5     Layout = "~/Areas/Admin/Views/Shared/_AdminLayout.cshtml";
6 }
7
8 <h1>Delete</h1>
9
10 <h3>Are you sure you want to delete this?</h3>
11 <div>
12     <h4>Plan</h4>
13     <hr />
14     <dl class="row">
15         <dt class="col-sm-2">
16             @Html.DisplayNameFor(model => model.TenKeHoach)
17         </dt>
18         <dd class="col-sm-10">
19             @Html.DisplayFor(model => model.TenKeHoach)
20         </dd>
21         <dt class="col-sm-2">
22             @Html.DisplayNameFor(model => model.NgayTrinh)
23         </dt>
24         <dd class="col-sm-10">
25             @Html.DisplayFor(model => model.NgayTrinh)
26         </dd>
27         <dt class="col-sm-2">
28             @Html.DisplayNameFor(model => model.NgayDuyet)
29         </dt>
30         <dd class="col-sm-10">
31             @Html.DisplayFor(model => model.NgayDuyet)
32         </dd>
33         <dt class="col-sm-2">
34             @Html.DisplayNameFor(model => model.NguoiTrinh)
35         </dt>
36         <dd class="col-sm-10">
37             @Html.DisplayFor(model => model.NguoiTrinh)
38         </dd>
39     </dl>
40 </div>
```

● Details.cshtml

The screenshot shows the Visual Studio code editor with the Details.cshtml file open. The file contains C# Razor code for a details page. It features a header with a breadcrumb navigation, a main content area with plan details, and a footer with a back button. The code uses Bootstrap classes and includes a partial view for the breadcrumb.

```
1 @model QuantyKhoaCNTTUEF.Models.Plan
2
3 @{
4     ViewData["Title"] = "Details";
5     Layout = "~/Areas/Admin/Views/Shared/_AdminLayout.cshtml";
6 }
7
8 <div class="page-wrapper">
9     <div class="content container-fluid">
10         <div class="page-header">
11             <div class="row align-items-center">
12                 <div class="col">
13                     <div class="mt-5">
14                         <nav aria-label="breadcrumb" class="float-left mt-2" style="font-size: 28px">
15                             <ol class="breadcrumb">
16                                 <li class="breadcrumb-item"><a href="#" asp-controller="Home" asp-action="Index">Dashboard</a></li>
17                                 <li class="breadcrumb-item"><a href="#" asp-action="Index" @ViewData["Title"]></a></li>
18                                 <li class="breadcrumb-item text-secondary active" aria-current="page">@Html.DisplayFor(model => model.TenKeHoach)</li>
19                             </ol>
20                         </nav>
21                         <a href="#" asp-action="Index" class="btn btn-primary float-right wmbutton">Quay về</a>
22                     </div>
23                 </div>
24             </div>
25         </div>
26         <dl class="row">
27             <dt class="col-sm-2">
28                 @Html.DisplayNameFor(model => model.TenKeHoach)
29             </dt>
30             <dd class="col-sm-10">
31                 @Html.DisplayFor(model => model.TenKeHoach)
32             </dd>
33             <dt class="col-sm-2">
34                 @Html.DisplayNameFor(model => model.NgayTrinh)
35             </dt>
36             <dd class="col-sm-10">
37                 @Html.DisplayFor(model => model.NgayTrinh)
38             </dd>
39         </dl>
40     </div>
41 </div>
```

● Edit.cshtml

```

File Edit Selection View Go Run Terminal Help ⏪ ⏩ 08 - □ ... 
C:\Users\ASUS\Downloads\PHAT TRIEN UNG DUNG WED>Thư mục mới>File Code Bao Cao Tien Do Mon Wed>View>Plans>Edit.cshtml
1 @model QuanLyKhoaCNTTUEF.Models.Plan
2
3 @{
4     ViewData["Title"] = "Edit";
5     Layout = "~/Areas/Admin/Views/Shared/_AdminLayout.cshtml";
6 }
7
8 <div class="page-wrapper" style="min-height: 941px;">
9     <div class="content container-fluid">
10         <div class="page-header">
11             <div class="row align-items-center">
12                 <div class="col">
13                     <div class="mt-5">
14                         <h4 class="card-title float-left mt-2">@ViewData["Title"]</h4>
15                         <a asp-action="Index" class="btn btn-primary float-right viewbutton">Quay Về</a>
16                     </div>
17                 </div>
18             </div>
19         </div>
20         <div class="row">
21             <div class="col-lg-12">
22
23                 <div class="card">
24
25                     <div class="card-body">
26                         <div class="col">
27                             <form asp-action="Edit" method="post" enctype="multipart/form-data">
28                                 <div asp-validation-summary="ModelOnly" class="text-danger"></div>
29                                 <input type="hidden" asp-for="PlanID" />
30                                 <div class="form-group">
31                                     <label asp-for="TenKhoaHoc" class="control-label"></label>
32                                     <input asp-for="TenKhoaHoc" class="form-control" />
33                                     <span asp-validation-for="TenKhoaHoc" class="text-danger"></span>
34                                 </div>
35                                 <div class="form-group">
36                                     <label asp-for="PdfFiles" class="control-label"></label>
37                                     <input type="file" asp-for="PdfFiles" name="pdfFile" id="pdfFile" class="form-control-file form-control" accept="application/pdf" on

```

The screenshot shows the Visual Studio code editor with the 'Edit.cshtml' file open. The code is a Razor view for editing a plan. It includes a header with a back button, a title, and a 'Quay Về' (Back) link. The main content area contains a card with a form for editing a plan. The form has fields for 'TenKhoaHoc' (Subject Name) and 'PdfFiles' (PDF files). The code uses Bootstrap classes like 'card', 'card-body', 'form-group', and 'control-label'.

● Index.cshtml

```

File Edit Selection View Go Run Terminal Help ⏪ ⏩ 08 - □ ...
C:\Users\ASUS\Downloads\PHAT TRIEN UNG DUNG WED>Thư mục mới>File Code Bao Cao Tien Do Mon Wed>View>Plans>Index.cshtml
1 @model IEnumerable<QuanLyKhoaCNTTUEF.Models.Plan>
2
3 @{
4     ViewData["Title"] = "Index";
5     Layout = "~/Areas/Admin/Views/Shared/_AdminLayout.cshtml";
6     int? idPlan = -1;
7 }
8
9 <h1>Index</h1>
10
11 <div class="page-wrapper">
12     <div class="content container-fluid">
13         <div class="page-header">
14             <div class="row align-items-center pageheader-title">
15                 <div class="col-sm-12">
16                     <div class="mt-5">
17                         <div class="page-sub-header">
18                             <h3 class="page-title float-left mt-2">@ViewData["Title"]</h3>
19                             <ul class="breadcrumb float-right mt-3">
20                                 <li class="breadcrumb-item"><a asp-controller="Home" asp-action="Index">Dashboard</a></li>
21                                 <li class="breadcrumb-item text-secondary">Quản Lý Sự Kiện</li>
22                             </ul>
23                         </div>
24                     </div>
25                 </div>
26             </div>
27         </div>
28         <div class="row">
29             <div class="col-xl-3 col-sm-6 col-12">
30                 <div class="card border-0 fill">
31                     <div class="card-body">
32                         <div class="dash-widget-header">
33                             <div>
34                                 <h3 class="card.widget_header">@ViewData["MaxPlan"]</h3>
35                                 <h6 class="text-muted">Số lượng Sự Kiện</h6>
36                             </div>
37                         </div>

```

The screenshot shows the Visual Studio code editor with the 'Index.cshtml' file open. The code is a Razor view for displaying a list of plans. It features a header with a title and a breadcrumb navigation. Below the header is a card containing a dashboard widget that displays the maximum number of plans ('MaxPlan') and the count of events ('Số lượng Sự Kiện'). The code uses Bootstrap classes like 'card', 'card-body', 'dash-widget-header', and 'text-muted'.

Link file code of all Plans:

<https://drive.google.com/drive/folders/1hurJvkwwfqkk6VDTgipirzuf-aPkmD-?usp=sharing>

3.6 Tasks

- Create.cshtml

```
C:\> Users > ASUS > Downloads > PHAT TRIEN UNG DUNG WED > Thư mục mới > File Code Bao Cao Tien Do Mon Wed > View > Tasks > Create.cshtml
1 @model QuanLyKhoaCHITUEF.Models.Tasks
2
3 @{
4     ViewData["Title"] = "Create";
5     Layout = "~/Areas/Admin/Views/shared/_AdminLayout.cshtml";
6 }
7
8 <h1>Create</h1>
9
10 <h4>Tasks</h4>
11 <hr />
12 <div class="row">
13     <div class="col-md-4">
14         <form asp-action="Create">
15             <div asp-validation-summary="ModelOnly" class="text-danger"></div>
16             <div class="form-group">
17                 <label asp-for="EventID" class="control-label"></label>
18                 <select asp-for="EventID" class="form-control" asp-items="ViewBag.EventID"></select>
19             </div>
20             <div class="form-group">
21                 <label asp-for="TenTask" class="control-label"></label>
22                 <input asp-for="TenTask" class="form-control" />
23                 <span asp-validation-for="TenTask" class="text-danger"></span>
24             </div>
25             <div class="form-group">
26                 <label asp-for="MoTa" class="control-label"></label>
27                 <input asp-for="MoTa" class="form-control" />
28                 <span asp-validation-for="MoTa" class="text-danger"></span>
29             </div>
30             <div class="form-group">
31                 <label asp-for="NgayBD" class="control-label"></label>
32                 <input asp-for="NgayBD" class="form-control" />
33                 <span asp-validation-for="NgayBD" class="text-danger"></span>
34             </div>
35             <div class="form-group">
36                 <label asp-for="NgayKT" class="control-label"></label>
37                 <input asp-for="NgayKT" class="form-control" />
38             </div>
39         </form>
40     </div>
41 </div>
```

- Delete.cshtml

```
C:\> Users > ASUS > Downloads > PHAT TRIEN UNG DUNG WED > Thư mục mới > File Code Bao Cao Tien Do Mon Wed > View > Tasks > Delete.cshtml
1 @model QuanLyKhoaCHITUEF.Models.Tasks
2
3 @{
4     ViewData["Title"] = "Delete";
5     Layout = "~/Areas/Admin/Views/shared/_AdminLayout.cshtml";
6 }
7
8 <h1>Delete</h1>
9
10 <h3>Are you sure you want to delete this?</h3>
11 <div>
12     <h4>Tasks</h4>
13     <hr />
14     <dl class="row">
15         <dt class="col-sm-2">
16             @Html.DisplayNameFor(model => model.Event)
17         </dt>
18         <dd class="col-sm-10">
19             @Html.DisplayFor(model => model.Event.TenSuKien)
20         </dd>
21         <dt class="col-sm-2">
22             @Html.DisplayNameFor(model => model.TenTask)
23         </dt>
24         <dd class="col-sm-10">
25             @Html.DisplayFor(model => model.TenTask)
26         </dd>
27         <dt class="col-sm-2">
28             @Html.DisplayNameFor(model => model.MoTa)
29         </dt>
30         <dd class="col-sm-10">
31             @Html.DisplayFor(model => model.MoTa)
32         </dd>
33         <dt class="col-sm-2">
34             @Html.DisplayNameFor(model => model.NgayBD)
35         </dt>
36         <dd class="col-sm-10">
37             @Html.DisplayFor(model => model.NgayBD)
38         </dd>
39     </dl>
40 </div>
```

- Details.cshtml

The screenshot shows a Microsoft Visual Studio interface with the following details:

- File Explorer:** Shows files like Delete.cshtml, Create.cshtml, Details.cshtml (selected), Index.cshtml, and Edit.cshtml.
- Solution Explorer:** Shows a solution structure with projects like QuantyKhoaCNTTUEF.Models, Tasks, and Admin.
- Toolbox:** Standard .NET development tools.
- Code Editor:** Displays the following C# code for the Details.cshtml view:

```
1 <model>QuantyKhoaCNTTUEF.Models.Tasks
2
3 <
4     ViewData["title"] = "Details";
5     Layout = "~/Areas/Admin/Views/Shared/_AdminLayout.cshtml";
6 >
7
8 <h1>Details</h1>
9
10 <div>
11     <h4>Tasks</h4>
12     <hr />
13     <dl class="row">
14         <dt class="col-sm-2">
15             @Html.DisplayNameFor(model => model.Event)
16         </dt>
17         <dd class="col-sm-10">
18             @Html.DisplayFor(model => model.Event.TenSuKien)
19         </dd>
20         <dt class="col-sm-2">
21             @Html.DisplayNameFor(model => model.TenTask)
22         </dt>
23         <dd class="col-sm-10">
24             @Html.DisplayFor(model => model.TenTask)
25         </dd>
26         <dt class="col-sm-2">
27             @Html.DisplayNameFor(model => model.Mota)
28         </dt>
29         <dd class="col-sm-10">
30             @Html.DisplayFor(model => model.Mota)
31         </dd>
32         <dt class="col-sm-2">
33             @Html.DisplayNameFor(model => model.NgayBD)
34         </dt>
35         <dd class="col-sm-10">
36             @Html.DisplayFor(model => model.NgayBD)
37         </dd>
38     </dl>
39 
```

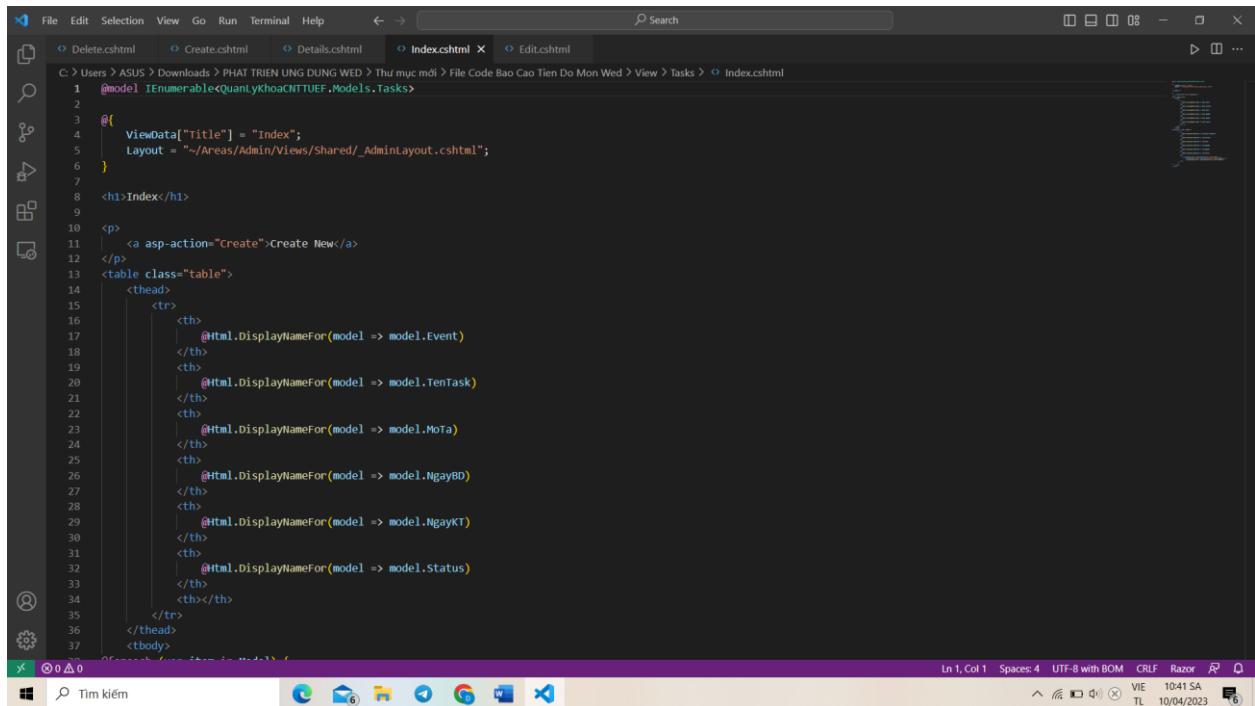
The code defines a Details view for the Tasks model. It uses Bootstrap's grid system to layout the data. The layout includes a title, a heading, and a detailed description for each task, such as its name, description, and start date.

- Edit.cshtml

The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** Search.
- Left Sidebar:** Shows icons for Delete.cshtml, Create.cshtml, Details.cshtml, Index.cshtml, and Edit.cshtml (highlighted).
- Current Path:** C:\Users\ASUS\Downloads\PHAT TRIEN UNG DUNG WED\Thư mục mới\File Code Bao Cao Tien Do Mon Wed\View\Tasks>Edit.cshtml
- Code Editor:** The code for Edit.cshtml is displayed, showing a form for editing tasks. It includes sections for Event ID, Tent Task, Note, and Date.
- Right Sidebar:** Shows a preview of the rendered HTML page and other tabs like Index.cshtml.
- Bottom Status Bar:** Lines 1, Col 1, Spaces: 4, UTF-8 with BOM, CRLF, Razor, and file statistics (1041 SA, TL, 10/04/2023).
- Bottom Icons:** Standard VS Code icons for search, file operations, and navigation.

● Index.cshtml



The screenshot shows the Microsoft Visual Studio IDE interface with the 'Index.cshtml' file open in the editor. The code is written in ASP.NET Razor syntax. It includes a title assignment, a layout reference, and a table structure for displaying task data.

```
C:\Users\ASUS\Downloads>PHAT TRIEN UNG DUNG WED>Thư mục mới>File Code Bao Cao Tien Do Mon Wed>View>Tasks>Index.cshtml
1 @model IEnumerable<QuanLyKhoaCNTUEF.Models.Tasks>
2
3 @{
4     ViewData["Title"] = "Index";
5     Layout = "~/Areas/Admin/Views/Shared/_AdminLayout.cshtml";
6 }
7
8 <h1>Index</h1>
9
10 <p>
11     <a href="#">Create New</a>
12 </p>
13 <table class="table">
14     <thead>
15         <tr>
16             <th>
17                 @Html.DisplayNameFor(model => model.Event)
18             </th>
19             <th>
20                 @Html.DisplayNameFor(model => model.TenTask)
21             </th>
22             <th>
23                 @Html.DisplayNameFor(model => model.Mota)
24             </th>
25             <th>
26                 @Html.DisplayNameFor(model => model.NgayBD)
27             </th>
28             <th>
29                 @Html.DisplayNameFor(model => model.NgayKT)
30             </th>
31             <th>
32                 @Html.DisplayNameFor(model => model.Status)
33             </th>
34             <th></th>
35         </tr>
36     </thead>
37     <tbody>
```

Link file code of all Tasks:

<https://drive.google.com/drive/folders/1bzSASXzKjlkES7ec0k9xnWCL5ZON8pS0?usp=sharing>

IV. Business design

In the process of designing the business for the Learning Problem Management System at the Faculty of Information Technology, the following steps are taken:

- Requirements Analysis: Focuses on analyzing the requirements of students and academic advisors, including requirements for student information management, academic advisor information, academic support requirements file and manage learning information.
- Workflow definition: Learn and define the work processes in the system, including student information management process, academic advisor information management, study support request management file and manage learning information.
- Define required functions: based on requirements and work processes, define the functions required for the system, including student information management, academic advisor information management, Manage learning support requirements and manage learning information.
- Interface Design: Design interfaces for defined functions, ensuring aesthetics and high interactivity.
- Database definition: Defines the database for the system, including the data tables, the relationships between the tables, and the necessary queries.
- Testing and testing: Checking and testing the system, ensuring the stability and correctness of the functions and working processes.
- System Deployment: After completing the above steps, the system will be deployed and put into use. Support and maintain the system after deployment.

V. Controller

Controllers (**Plan, Event, Group, Member, Task**) have the following functions:

- Index
- Details
- Delete
- Create
- Import Data
- Excel Import.

The plan alone will have an additional file upload function.

5.1 Event Controller

- Link file code:

https://drive.google.com/file/d/1A_yI0EeKaaWLuCuFrSSIT73SXRkjFRKR/view?usp=sharing

5.2 Group Controller

- Link file code:

<https://drive.google.com/file/d/1ud6iehSYZPaAfMNvQ7d2uQGoffP8XYdC/view?usp=sharing>

5.3 Member Controller

- Link file code:

<https://drive.google.com/file/d/1lpXbyYB6rZgxpYlPMty5oQhre1x1pZOk/view?usp=sharing>

5.4 Plan Controller

- Link file code:

<https://drive.google.com/file/d/12EFY42oYMikLsnHa8DOLHdJvZQvkKp2M/view?usp=sharing>

5.5 Tasks Controller

- Link file code:

<https://drive.google.com/file/d/1-D-myaYeSMi-D9j0uiPinv6zV9uMzipo/view?usp=sharing>

VI. Description of functions

6.1 Event

Index: The Index function is an asynchronous Task that returns an IActionResult. It takes a string parameter searchString which is used to filter the list of events displayed on the page.

Edit: This method updates an existing Event object in the database context. It takes an integer value representing the ID of the Event object to be updated and a Bind attribute that specifies which properties of the Event object should be updated. The method checks if the ID parameter matches the EventID property of the @event object, updates the @event object in the _context database context, and saves the changes to the database context. If a DbUpdateConcurrencyException is caught, the method checks if the Event object still exists in the database. If the Event object does not exist, the method redirects to the Details action method of the Event controller. Otherwise, it throws an exception. Finally, the method redirects to the Index action method of the Event controller if the update is successful. If the ModelState is not valid, it returns the @event object to the View.

Details: This method displays details of an `Event` object. It takes an optional integer value representing the ID of the `Event` object to be displayed, and two optional string values representing the name of the group and task to be filtered by. The method retrieves the `Event` object with the given `id` from the `_context` database context, applies filters to the `Groups` and `Tasks` collections based on the `groupName` and `taskName` parameters, respectively, sets some ViewBag properties, and returns the `@event` object to the `View`. If the `id` parameter is null, the method returns a `NotFound` result.

Delete: This method displays a confirmation page for deleting an Event object. It takes an optional integer value representing the ID of the Event object to be deleted. The method retrieves the Event object with the given id from the _context database context and returns it to the View. If the id parameter is null or the _context.Event object is null, the method returns a NotFound result.

Create: This method creates a new Event object. It takes an Event object representing the new Event to be created. The method adds the @event object to the _context database context and saves the changes to the database context. If the save operation is successful, the method returns a success message and redirects to the Index action method of the Event controller. If an exception is caught, the method returns an error message and returns the @event object to the View.

ImportDataExcel: This method imports data from an Excel file into a database context. It takes an IFormFile object representing the Excel file to be imported. If the file is not null and has a valid file extension (xls orxlsx), the method creates a temporary file, reads the data from the Excel file using the EPPlus library, maps the data to an Event object, sets the IDNgoiTao and IDNgoiCapNhat properties of the Event object to the

full name of the current user obtained using the `_userManager.GetUserAsync(User)` method, adds the Event object to the `_context` database context for each row of data in the Excel file, saves the changes to the `_context` database context, sets a `ViewBag` data property with the imported data, and redirects to the Index view. If the file does not have a valid file extension, it sets a `ViewBag` error message and returns the Index view. (Functions will change in the future).

ExcelExport: This method exports Event data to an Excel file. It retrieves all Event data from the `_context` database context, creates a `DataTable` object, populates it with data from the Event list, formats and saves the data to an Excel file, and returns the file to the user for download. If an exception occurs during the export process, the method returns a `NotFound` result with an error message.

6.2 Group

Index: This method displays a list of Event objects with their associated Group objects. It retrieves all Event data from the `_context` database context and includes related Group objects, stores the resulting list in a variable called `eventsWithTop4Groups`, and returns the `eventsWithTop4Groups` list to the View. The `AsNoTracking` method is used to improve performance by disabling change tracking for the queried entities, since they are only being read and not updated.

Edit: This method retrieves a Group object from the database and returns a view for editing its properties. It takes an integer value representing the ID of the Group object to be edited. The method retrieves the Group object with the given id from the `_context` database context and returns it to the View. If the id parameter is null or the `_context.Group` object is null, the method returns a `NotFound` result. If the `@group` variable is not null, the method returns the `@group` object to the View.

Details: This method displays details of a Group object. It takes an integer value representing the ID of the Group object to be displayed. The method retrieves the Group object with the given id from the `_context` database context and returns it to the View. If the id parameter is null or the `_context.Group` object is null, the method returns a `NotFound` result. If the `@group` variable is not null, the method returns the `@group` object to the View.

Delete: This method retrieves a Group object from the database and returns a view for deleting it. It takes an integer value representing the ID of the Group object to be deleted. The method retrieves the Group object with the given id from the `_context` database context and returns it to the View. If the id parameter is null or the `_context.Group` object is null, the method returns a `NotFound` result. If the `@group` variable is not null, the method returns the `@group` object to the View.

Create: This method returns a view for creating a new Group object. It creates a `SelectList` object containing all Event objects from the `_context` database context with `EventID` as the value and `TenSuKien` as the text. If `TempData["IDSuKien"]` has a value and is not 0, the method retrieves the Event object with the given `idSuKien` from the

`_context` database context and sets it as selected in the `SelectList`. The method then saves the updated `SelectList` in the `ViewData["EventID"]` and returns the view.

ImportDataExcel: This method imports data from an Excel file into a database context. It takes an `IFormFile` object representing the Excel file to be imported. If the file is not null and has a valid file extension (xls or xlsx), the method of creating a temporary file, reading data from an Excel file using the EPPlus library, will get all the necessary information from the database. database and convert it to Excel data. Necessary data for users to update such as Team Name, Description, Creation Date. Along with that is a list of Tasks that the team is assigned. The system will rely on the Excel file and take all the data in the file into the Database to create new data lines. (Functions will change in the future).

ExcelExport: This action method exports a list of Group objects to an Excel file. It retrieves all Group objects from the database context, creates a `DataTable` object with appropriate columns, populates it with data from each Group object, and exports it to Excel using the EPPlus library. If an exception occurs, it displays an error message using the `_toastNotification` object and returns a `NotFound` result.

6.3 Member

Index: This is an asynchronous action method that retrieves a list of members belonging to a Group object with a given id and returns a view to display the members. It retrieves the Group object and the list of MembersGroup objects from the database context using the `FindAsync` and `Where` methods, and joins the `ApplicationUser` and `Task` tables using the `Include` method. If either members or group is null, the method returns a `NotFound` result. Otherwise, it sets the `ViewData` values for the view and returns the members list to the view.

Edit: This is an asynchronous action method that retrieves details of a `MembersGroup` object with a given id and returns a view to edit the object. It retrieves the `MembersGroup` object and associated `Group`, `ApplicationUser`, and `Task` objects from the database context using the `FindAsync`, `Where`, and `Include` methods, and sets the `ViewData` values for the view with information about these objects. If `membersGroups` is null, the method returns a `NotFound` result. Otherwise, it returns the view to edit the `MembersGroup` object.

Details: This is an asynchronous action method that retrieves details of a `MembersGroup` object with a given id and returns a view to display the details. It retrieves the `MembersGroup` object from the database context using the `Include` and `FirstOrDefaultAsync` methods to join the `ApplicationUser`, `Group`, and `Task` tables. If `membersGroups` is null, the method returns a `NotFound` result. Otherwise, it returns the `membersGroups` object to the view.

Delete: This is an asynchronous action method that retrieves details of a `MembersGroup` object with a given id and returns a view to confirm deletion of the

object. It retrieves the MembersGroup object and joins the ApplicationUser, Group, and Task tables in the database context using the Include and FirstOrDefaultAsync methods. If membersGroups is null, the method returns a NotFound result. Otherwise, it returns the membersGroups object to the view to confirm deletion.

Create: This is an asynchronous action method that creates a new MembersGroup object for a Group object with a given id and returns a view to create the object. It retrieves the Group object and a list of ApplicationUser objects from the database context using the FindAsync, Where, and Select methods, and sets the ViewData values for the view. It also retrieves a list of Task objects for the Group object with the given id and sets the TaskID property of each Task object to be displayed in the view. If a group or task is null, the method returns a NotFound result. Otherwise, it returns the view to create a new MembersGroup object.

ImportDataExcel: This method imports data from an Excel file into a database context. It takes an IFormFile object representing the Excel file to be imported. If the file is not null and has a valid file extension (xls orxlsx), the method of creating a temporary file, which reads data from the Excel file using the EPPlus library, will get all the necessary information from the facility. data. database and convert it to Excel data. Required data for users to update such as Member Name, Position, Assigned Task, Task Start Date, Task End Date. With these data will be added to the database Member of the current Group that the user wants to add. (Functions will change in the future).

ExcelExport: This action method exports a list of Group objects to an Excel file. It retrieves all the Member objects belonging to the group that the user is in that group interface from the database context, creates a DataTable object with the appropriate columns, populates the data from each Group object, and export it to Excel using the EPPlus library. If an exception occurs, it displays an error message using the _toastNotification object and returns the NotFound result.

6.4 Plans

Index: This asynchronous action method retrieves a list of Plan objects from the database context and returns them to the view. It takes a SearchString parameter representing the search term entered by the user. The method sets ViewData values for MaxPlan and CurrentFilter. It creates a LINQ query to select all Plan objects and applies a filter to the query if SearchString is not null or empty. Finally, it returns a view of the Plan objects that match the search criteria.

Edit: This asynchronous action method updates a Plan object and saves any uploaded PDF files. It takes id, plan, and PdfFiles as parameters. If id does not match plan.PlanID, it returns NotFound. If the ModelState is valid, it updates the plan object and loops through the PdfFiles list to upload and save each PDF file. Finally, it saves the changes and redirects to the Index action method of the Plan controller. If the ModelState is not valid, it returns the plan object to the view for correction. If a

`DbUpdateConcurrencyException` occurs, it checks if the `Plan` object still exists and either returns `NotFound` or throws the exception.

Details: This is an asynchronous action method that retrieves details of a `Plan` object with a given id and returns a view to display the details. It checks if id is null or if there are no `Plan` objects in the database context, and returns a `NotFound` result if either condition is true. If id is not null and there are `Plan` objects in the database context, the method retrieves the `Plan` object with the specified id using the `FirstOrDefaultAsync` method and the `Include` method to also retrieve related `PdfFiles` objects. If plan is null, the method returns a `NotFound` result. Finally, the method returns a view of the `plan` object to display its details.

Delete: This asynchronous action method retrieves a `Plan` object from the database context and returns a view to confirm its deletion. It takes id as a nullable integer parameter. If id is null or the `Plan` table in the database context is null, it returns `NotFound`. Otherwise, it retrieves the `Plan` object that matches the `PlanID` with id and returns a view with the `Plan` object to confirm its deletion.

Create: This asynchronous action method creates a new `Plan` object and saves it to the database context, along with any uploaded PDF files. It takes a `Plan` object and a list of `IFormFile` objects representing the uploaded PDF files. If the `ModelState` is valid, it adds the `plan` object to the database context, saves the changes, and loops through the `PdfFiles` list to upload and save each PDF file to the server. Finally, it saves the changes to the database context and redirects to the `Index` action method of the `Plan` controller. If the `ModelState` is not valid, it returns the `plan` object to the view for correction.

ImportDataExcel: This asynchronous action method imports data from an Excel file and saves it in the database context. It takes `fileExcel` as a parameter, which is an uploaded Excel file. It checks if the file is null or has zero length, or if the file format is not valid. If the file is valid, it reads data from the file using the `EPPlus` library, creates a new `Plan` object for each row, sets its properties using the data in the worksheet cells, and adds it to the database context. Finally, it saves the changes and redirects to the `Index` action method of the `Plan` controller. If any exception occurs, it returns a view with an error message. (Functions will change in the future).

ExcelExport: This action method exports data from the `Plan` table in the database context to an Excel file and returns the file as a `FileResult`. It retrieves all the `Plan` objects from the database context, creates a `DataTable`, iterates over the `PlanData` list to populate the `DataTable`, creates a new `MemoryStream`, uses the `EPPlus` library to create a new Excel workbook, adds a worksheet to the workbook, and populates the worksheet with the data in the `DataTable`. It then sets the column widths and styles the cells, saves the workbook to the `MemoryStream`, and returns the `MemoryStream` as a `FileResult` with the appropriate MIME type and file name. If an exception occurs during the process, it displays a toast notification with an error message and returns `NotFound()`.

6.5 Tasks

Index: This action method displays a list of Task objects on the Index view. It sets the MaxTask view data to the number of Task objects in the database context, or 0 if there are none. It also sets the CurrentFilter view data to the SearchString parameter passed to the action method, which is used to filter the Task objects displayed on the view. It queries all Task objects from the database context and filters the query by the SearchString value if it's not null or empty. Finally, it returns the filtered list of Task objects to the Index view.

Edit: This action method updates an existing Task object in the database with the new values from the Edit view. It checks if the id parameter matches the TaskID property of the Tasks object. If they don't match, it returns a 404 Not Found error. If the ModelState is valid, it tries to update the Tasks object in the database context and saves the changes. If it encounters a concurrency exception, it checks if the Tasks object no longer exists in the database, and returns a 404 Not Found error if that's the case. If the update is successful, it redirects the user to the Index action method. If the ModelState is not valid, it sets the EventID view data to a SelectList of all the Event objects in the database context, and returns the Edit view with the original Tasks object and any validation errors.

Details: This action method displays the details of a specific Task object on the Details view. It takes an id parameter that represents the ID of the Task object to display. If the id parameter is null or the Task table in the database context is null, it returns a 404 Not Found error. If the id parameter is valid, it queries the Task table in the database context and includes the related Event object. It then filters the query to only include the Task object with the specified ID. If the Task object is null, it returns a 404 Not Found error. Finally, it returns the Task object to the Details view.

Delete: This action method displays the Delete view to confirm the deletion of a specific Task object. It takes an id parameter that represents the ID of the Task object to delete. If the id parameter is null or the Task table in the database context is null, it returns a 404 Not Found error. If the id parameter is valid, it queries the Task table in the database context and includes the related Event object. It then filters the query to only include the Task object with the specified ID. If the Task object is null, it returns a 404 Not Found error. Finally, it returns the Task object to the Delete view.

Create: This action method displays the Create view to create a new Task object. It creates a SelectList of all the Event objects in the database context with the EventID as the value and TenSuKien as the text. It then checks if there is a value for the IDSuKien key in the TempData object and if it's not equal to 0. If there is a value, it finds the corresponding Event object in the database context and creates a SelectedListItem with its EventID as the value and TenSuKien as the text. It then creates a new SelectList with all the Event objects except for the selected item, and adds the selected item to the beginning of the list. If there is no value for the IDSuKien key, it simply uses the original

SelectList. Finally, it sets the EventID view data to the SelectList and returns the Create view.

ImportDataExcel: This action method imports data from an Excel file into the database as Plan objects. It takes an IFormFile parameter fileExcel which represents the uploaded Excel file. It first checks if the fileExcel parameter is null or its length is 0. If it is, it sets an error message in the ViewBag and returns the Index view. If the fileExcel parameter is valid, it checks if the file extension is either .xls or .xlsx. If it is, it reads the data from the Excel file into a list of DataExcel objects, loops through each row of the Excel file, creates a new Plan object with the values from the corresponding cells, adds the Plan object to the database context, and saves the changes to the database. Finally, it sets the ViewBag data to the imported data and redirects the user to the Index action method. If the file extension is not valid, it sets an error message in the ViewBag and returns the Index view. (Functions will change in the future).

ExcelExport: This action method exports a list of Tasks objects to an Excel file and returns the file as a downloadable file to the user. It retrieves a list of Tasks objects from the database context, creates a DataTable object, and populates it with the data from the Tasks objects. It then creates an Excel workbook with a single worksheet, formats the columns and rows, and saves the worksheet to a MemoryStream. Finally, it generates a filename for the Excel file based on the current date and returns the MemoryStream as a downloadable file with a content type of application/vnd.openxmlformats-officedocument.spreadsheetml.sheet. If an exception is thrown during the process, the method returns a NotFound result and displays a toast notification to the user.

VII. About the features included in the website

The Faculty of Information Technology's Event Management System website has the following features:

- Plan management: Allows management of information about plans (add, delete, edit, view details), store PDF files, View PDF files, in the plan will include information such as: Events, Groups, Tasks, Split Tasks,...
- Event management: Allows to manage event information such as event name, time, location, event description and other information related to the event.
- Group management:
 - Task Management (Tasks)
 - Manage group members
- Login and account management: Allow login and manage user's account, including change password, update personal information and other functions.
- Function decentralization (Role): Divide the authority using the web interface (Example: Admin, Student, Teacher, ...).
- Add data by Excel file (Function applies to almost every object: Plan, Event, Group, Task, .).
- Download data to Excel File (Function to bring all the data that the object you want to see to the Excel file).
- Some functions performed by Javascript (View PDF file before Submit, display list of students adding to the group before submitting, ...)