

Center Name: ACE-HCMC-2-FPT.

Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.

Blue Pumpkin

Design Document

Supervisor:	Mr. Tran Phuoc Sinh	
Semester:	3	
Batch No:	T1.2110.A0	
Group No:	1	
Order:	Full name	Roll No.
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2.	Tran Le Thien Phuc	Student 1344659
3.	Nguyen Tam Hieu	Student 1275244
4.	Nguyen Duc Anh	Student 1341590
5.	Vu Lam Minh Tuan	Student 1341524

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This is to certify that

Mr.Phan Thanh Phuong

Mr. Nguyen Duc Anh

Mr. Tran Le Thien Phuc

Mr. Nguyen Tam Hieu

Mr. Vu Lam Minh Tuan

have successfully designed & developed:

eProject: ***Employee Management***

Submitted by:

Mr. Tran Phuoc Sinh

Date of issue: 10/02/2023

Authorized Signature:

Mr. Nguyen Tam Hieu

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REVIEW 1

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I. Introduction

First and foremost, we would like to express the deepest appreciation to our admirable instructor – Mr. Tran Phuoc Sinh. During the time of the project, he continually and convincingly conveyed a spirit of adventure in regard to research and scholarship, and an excitement in regard to teaching. Without his guidance and persistent help this dissertation would not have been possible. Therefore, once again, we truly value your dedication and guidance.

Next, it would have been impossible to carry out and complete this project without the collaboration among our team members. Although we have gone through many obstacles during the project implementation, eventually we gained what we aimed at by our hard work, our strong commitment and of course, our brotherhood.

Finally, thanks to Aptech's eProject team, we had a golden opportunity to apply what we have learnt into reality and gain hands-on experience which is essential for our future career.

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II. Problem Definition

Our client is a marketing agent of an internet marketing company, who provides different services like dial up services and the broadband services. They want a website for the interactive and entertainment purpose of the Employees.

Our client wants the application to perform the following tasks:

1. The portal will have the following logins
 - a. Admin
 - b. Employee
2. The admin will have the authority to create and delete the profile of an employee.
3. The employee profile once created, can login in to the site through the user name and the password provided.
4. On the home page of the website, the details of the upcoming events like meetings, games, competitions, etc. in the company will be displayed in brief.
5. To encourage the employees and to build a friendly rapport in the company they started conducting games and distributing the prizes.
6. The home page should also include the winners details of the events conducted recently.
7. The admin will have the right to accept the participation request based on the requirement.
8. Also the application should have a reminder, which will remind about the birthdays of the day. And this reminder should be active for all the user logins (admin, and employee)
9. Once the employee logs into the site, how will be able to send his request for the participation in any of the events.
10. He can also view the details of the events in detail.
11. The site should also contain the FAQ s like
 - a. How to participate in the events?
 - b. What if I am unable to login into the site?
 - c. What if I am unable to send the participation request for the event?
 - d. How can one be intimated with the upcoming events

There should be a contact and support page where the details of the people to be contacted, etc. to be displayed.

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III. Requirement Specification

Requirement Specification

1. For guest User:
 - Visit the Home Page and can read all news about events of company
 - User can read About Us and Contact Us in Home Page
2. For Admin:
 - Admin can create, delete and update the profile of an employee
 - Admin can create and provide account for employee
 - Admin can create, delete and update events in page
 - Admin will has the right to accept the participation request based on the requirement
 - Admin can create FAQ, About Us
 - Admin should be a contact and support page where the details of people to be contacted, etc. to be displayed.
 - The application should have a reminder, which remind about the birthdays of the day. And this reminder should be active for all user logins
3. For Employee:
 - The employee profile once created, can login in to the site through the user name and the password provided
 - The employee is able to sent his request for the participation in any of the events
 - The employee can read details of the upcoming events like meetings, games, competitions, etc.
 - The application should have a reminder, which remind about the birthdays of the day. And this reminder should be active for all user logins.
 - The employee can read the winners details of the events conducted recently in home page.

Non-functional Requirement Specifications

1. Good using Interface and Experience
2. Clean code
3. Try hard to improve the performance
4. Try this website to run on all browsers
5. Try limit bugs on this website

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IV. System Requirement

1. Hardware

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
- 256 Megabytes of RAM or better
- Windows 2000 (or higher if possible)

2. Software

- Notepad/HTML editor/visual studio/J2EE
- Java/asp.net
- SQL Server 2000
- IE 5.0/ Netscape 6.0
- Visual studio.net

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Task Sheet Review 1

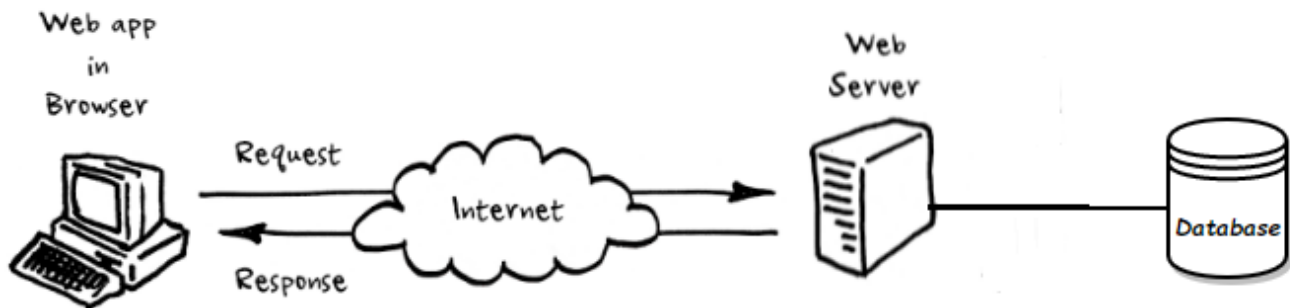
Project Ref. No.: eP/Vehicle-Insurance-Management/04		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Introduction	Employee Management	All Members	10/2/2023	1	All members	Completed
2	Problem Definition			10/2/2023	1	All members	Completed
3	Requirement Specification			10/2/2023	1	All members	Completed
4	Task sheet review			10/2/2023	1	All members	Completed
Date: 02/10/2022							
Signature of Instructor Mr. Tran Phuoc Sinh			Signature of Team Leader Tran Le Thien Phuc				

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REVIEW 2

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I. Architecture & Design of the Project



1. Presentation Tier

- I.1 This is the tier in which user interact with applications. Presentation Tier contains Model, View, Controller used to receive a request and response to User.
- I.2 Technology: ASP.NET CORE MVC 5, Razor, HTML, CSS, JavaScript, Ajax, JQUERY

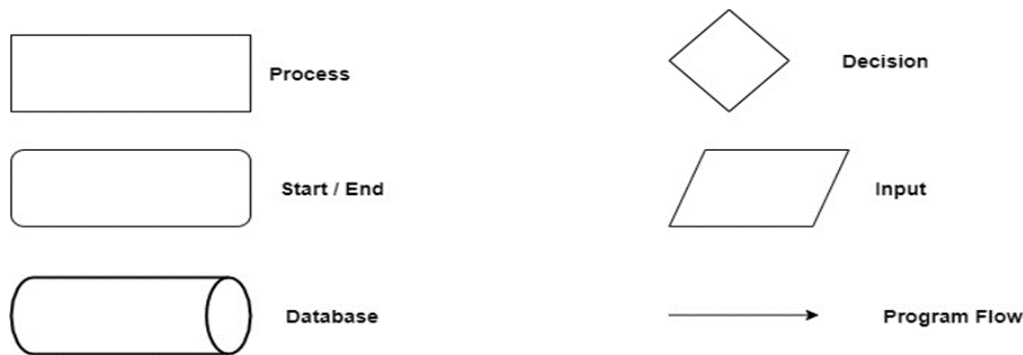
2. Data Access Tier

- 1.1 This is basically the server which stores all the application's data. Data tier contents Database, Database Views and other means of storing Application's data.
- 1.2 Technology: SQL Server

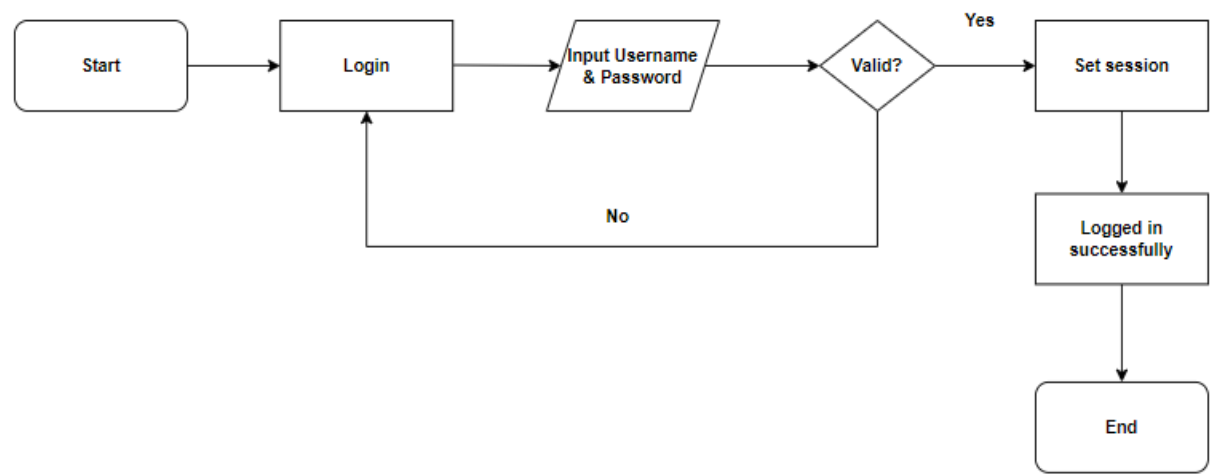
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II. Algorithms – Data Flowchart

1. Symbols generates:



2. Login:



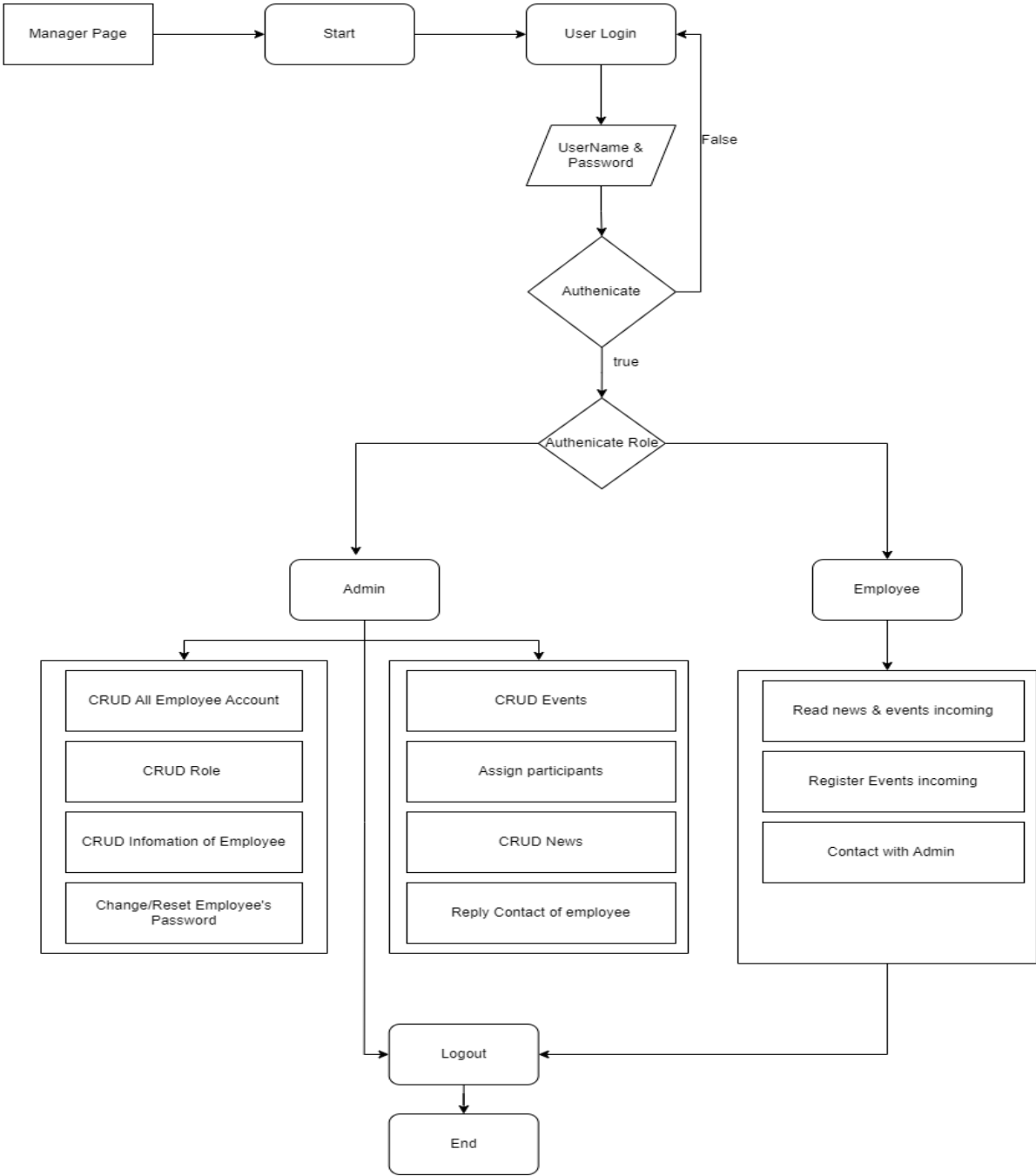
3. Logout:



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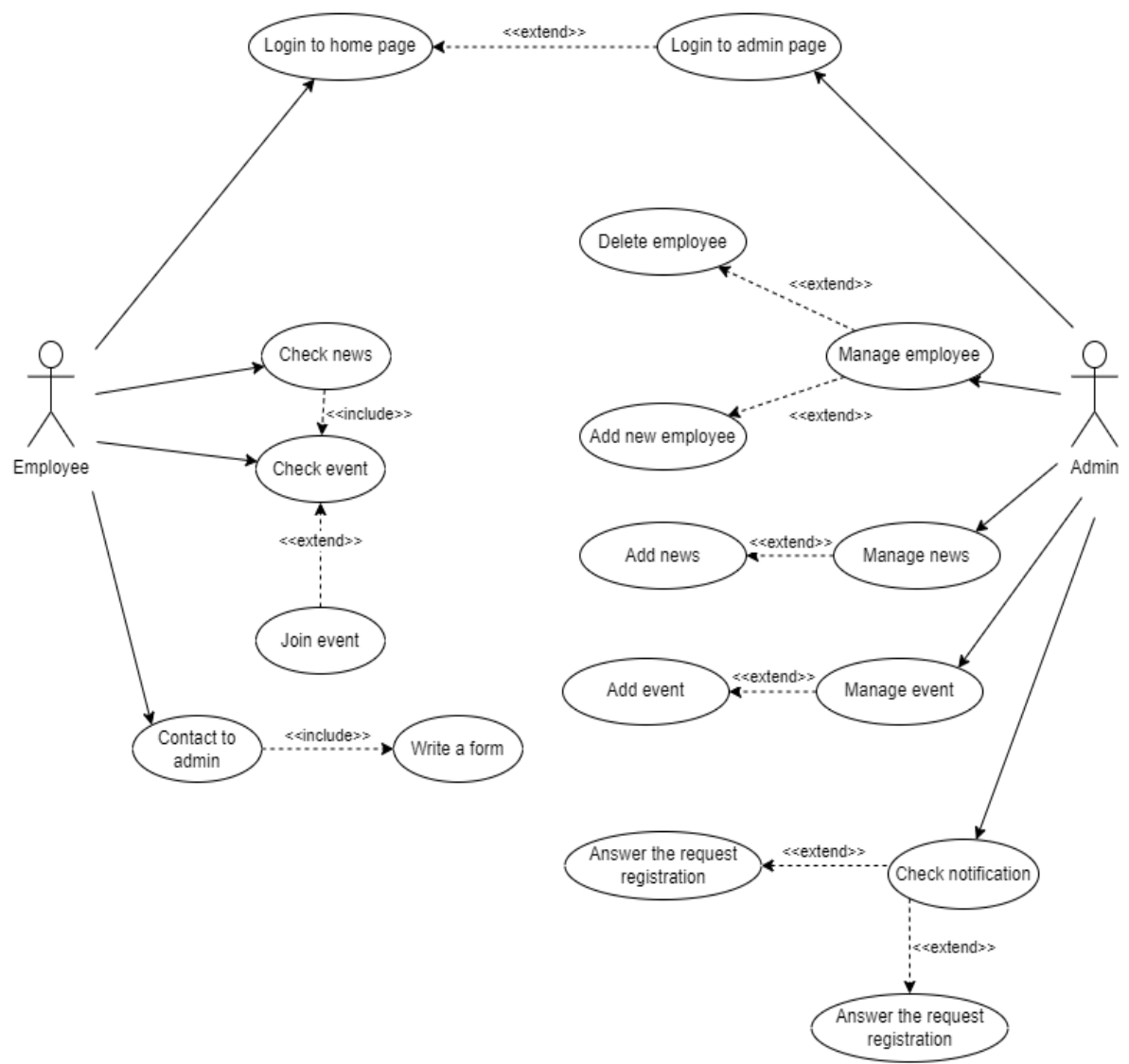
4. Main data flowchart for users:

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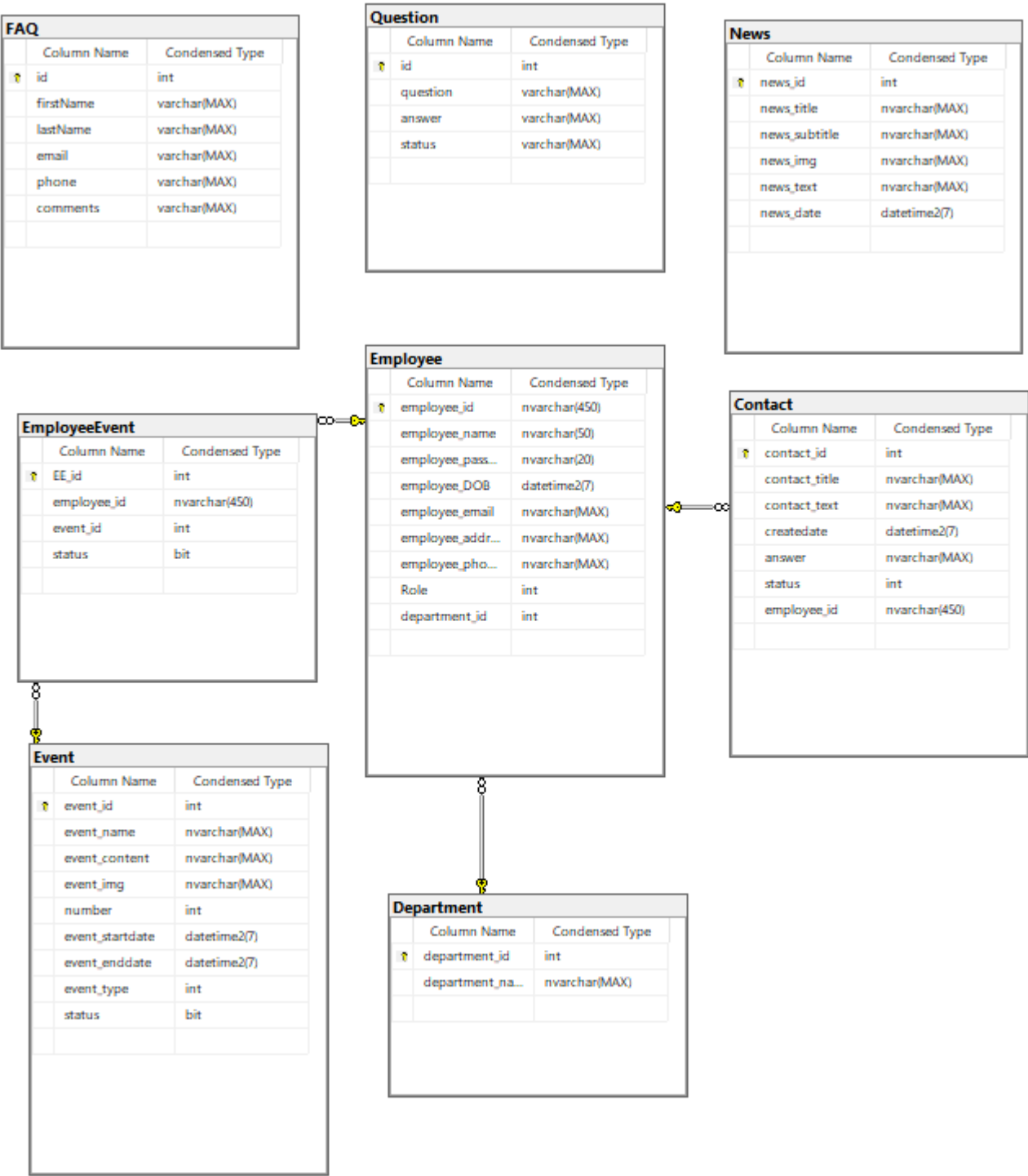
III. Use Case Diagrams

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IV. Entity – Relationship Diagrams



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Task Sheet Review 2

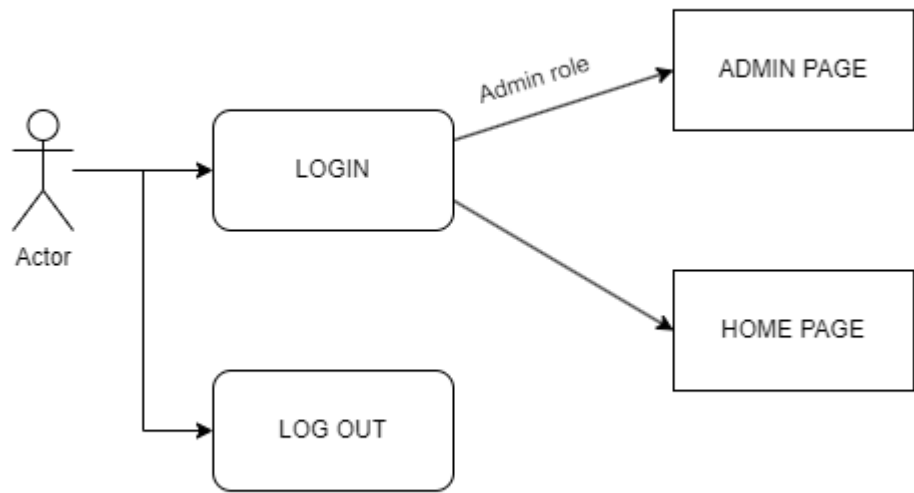
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Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Architecture & design of the project	Employee Management	All Members	18/2/2023	1	All membe rs	Completed
2	Algorithms – data flowchart			18/2/2023	1	All membe rs	Completed
3	Use case diagrams			18/2/2023	1	All membe rs	Completed
4	Entity- Relationship diagrams			18/2/2023	1	All member s	Completed
Date: 02/18/2022							
Signature of Instructor				Signature of Team Leader			
Mr. Tran Phuoc Sinh				Tran Le Thien Phuc			

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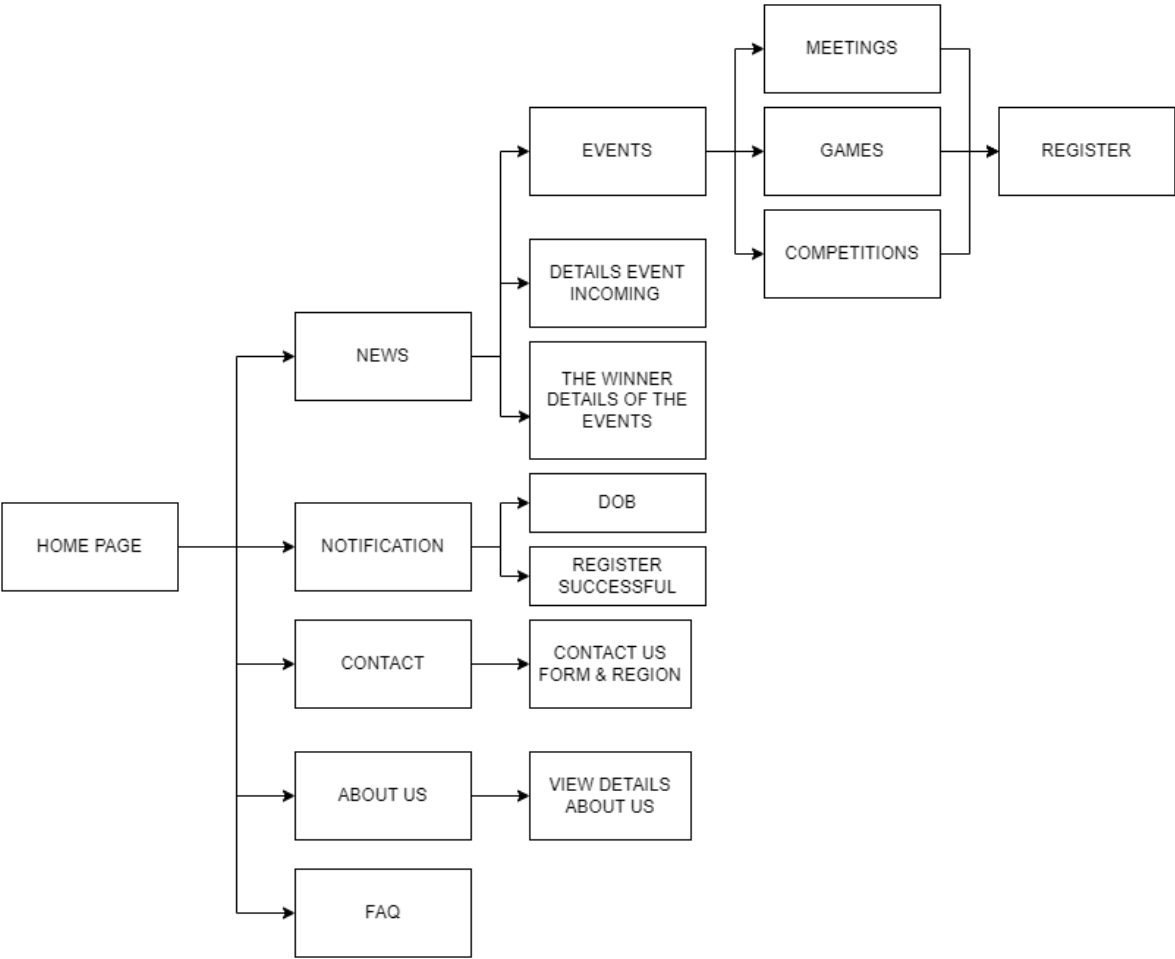
REVIEW 3

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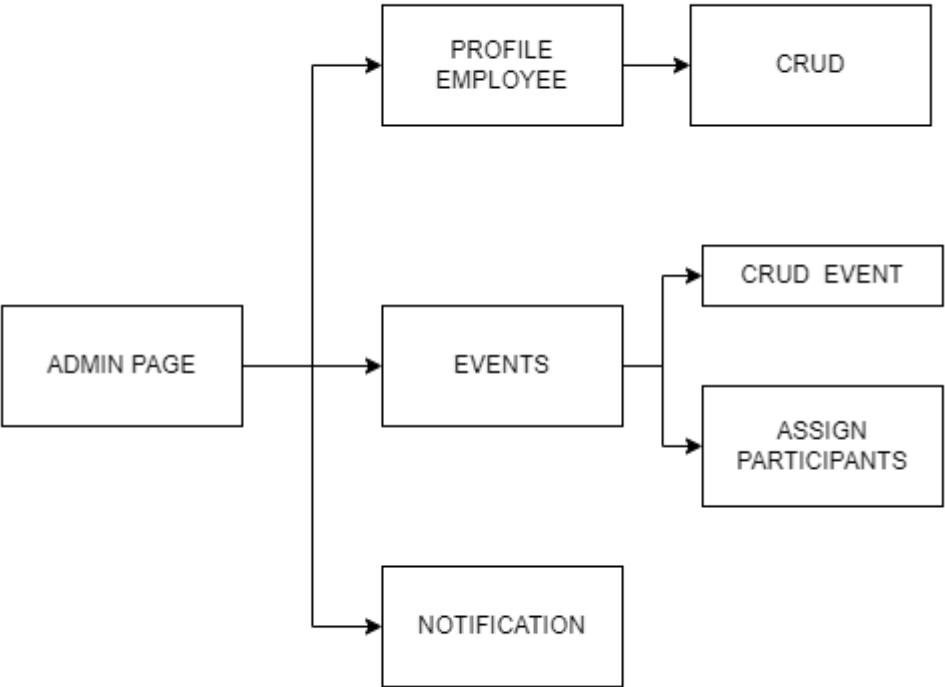
I. Site Map



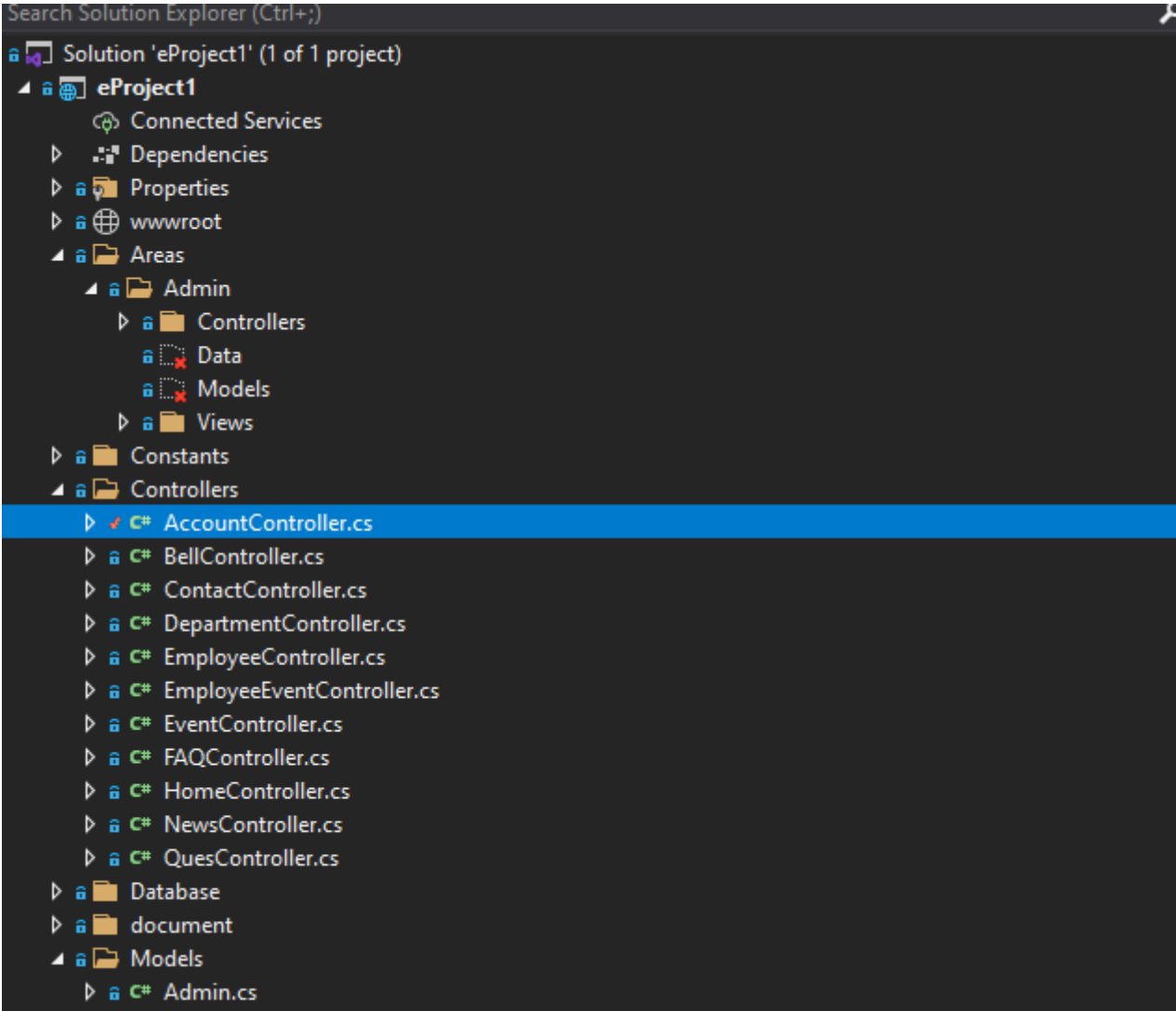
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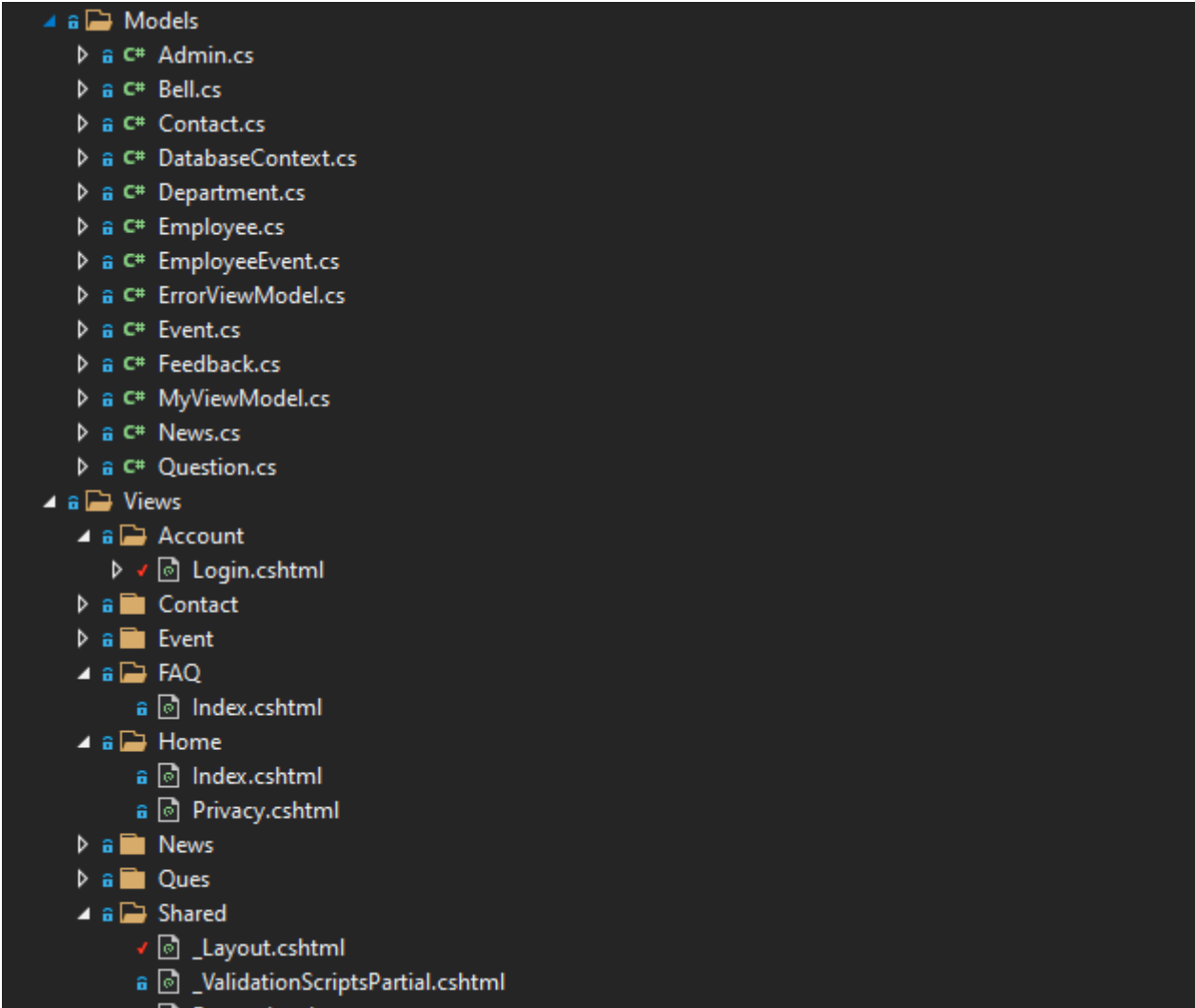
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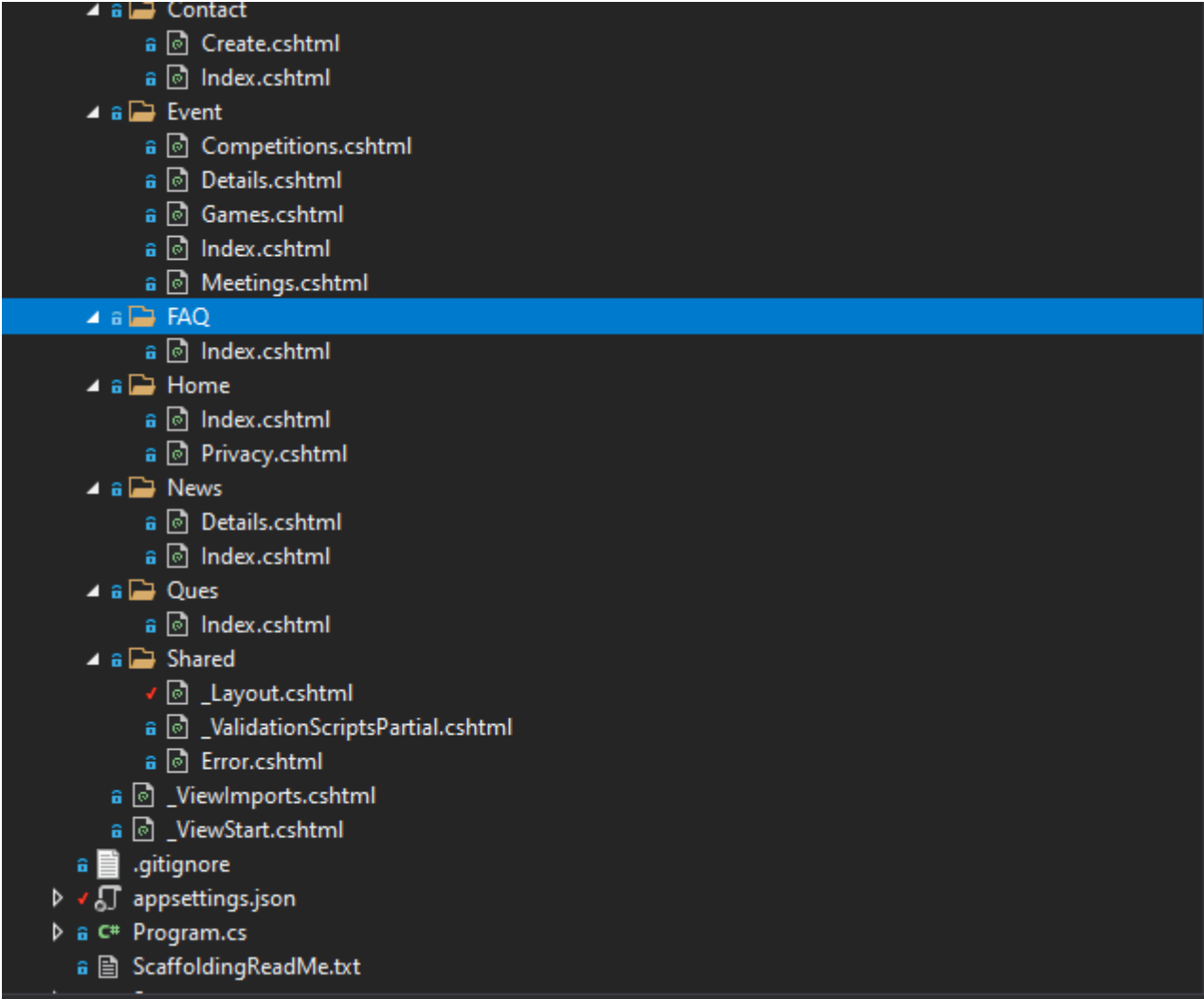
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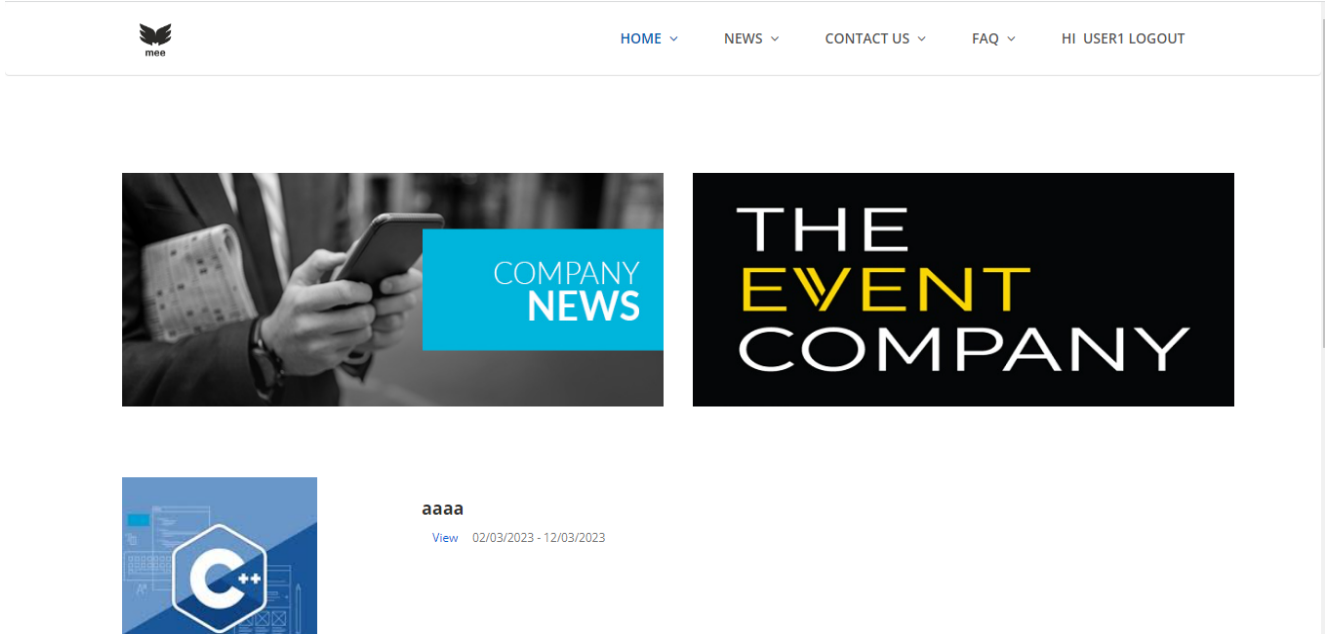


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II.GUI

1.User Site Map


a. HomePage



Description	HomePage
Connect From	N/A
Connect To	News Page, Login Page, Contact Us Page, FAQ Page
Validation	N/A
Initial Values	N/A
Events	Navigate the website by clicking on News.

b. Login

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[HOME](#) [NEWS](#) [CONTACT US](#) [FAQ](#) [LOGIN](#)

employee_name

employee_password

Login

ABOUT MEE

STAFF MEMBERS

WHY CHOOSE US?

ALL COURSES

ADMISSION

PHOTO GALLERY

INTERNATIONAL STUDENTS

LOCATION:

FPT Aptech

590 Cach Mang Thang 8 St.

Ho Chi Minh City

 Main Location

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Description	LoginPage
Connect From	N/A
Connect To	Admin Page & Home Page
Validation	N/A
Initial Values	N/A
Events	Login Admin with Admin Account and Home Page with User Account

c. Event Information

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HOME ▾NEWS ▾CONTACT US ▾FAQ ▾HI ADMIN1 LOGOUT

EmPloyee Events







Event Request:	12
Start Date:	01/03/2023
End Date:	12/03/2023
Status:	Đang diễn ra

Register

ABOUT M E E
STAFF MEMBERS
WHY CHOOSE US?

ALL COURSES
ADMISSION
PHOTO GALLERY
INTERNATIONAL STUDENTS

LOCATION:
FPT Aptech
590 Cach Mang Thang 8 St.
Ho Chi Minh City

FIND US ON:


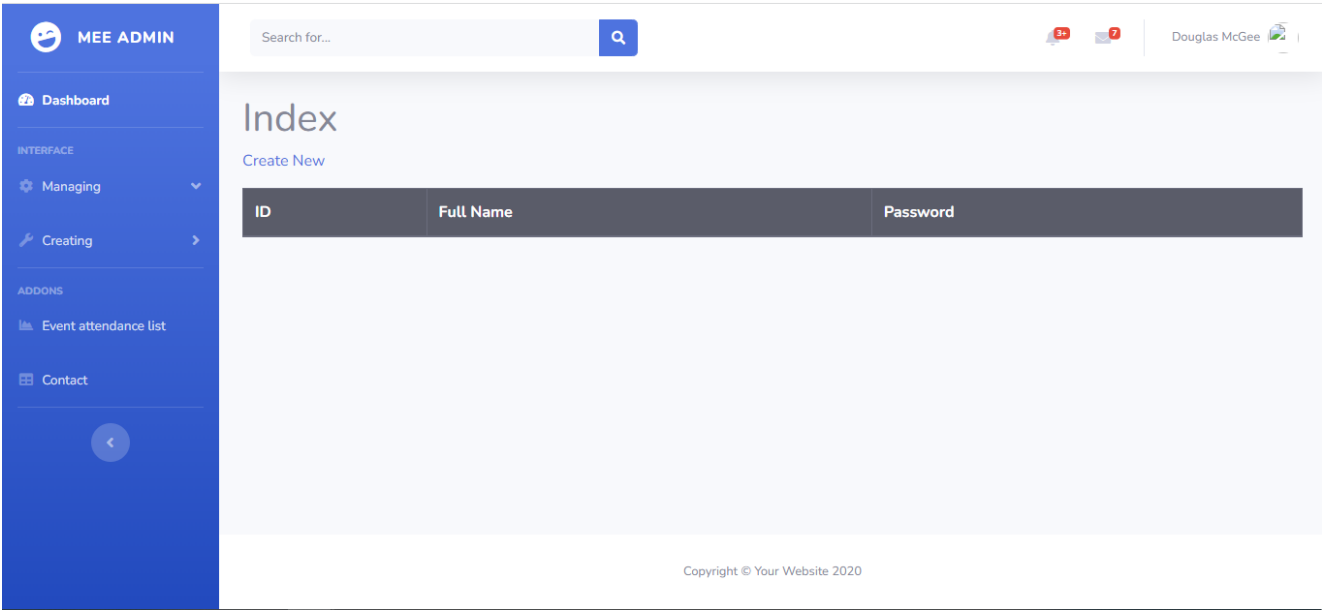
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Description	News Pages
Connect From	N/A
Connect To	N/A
Validation	N/A
Initial Values	N/A
Events	Send request to admin which want to enjoy this event

2. Admin Site Map

a. Home

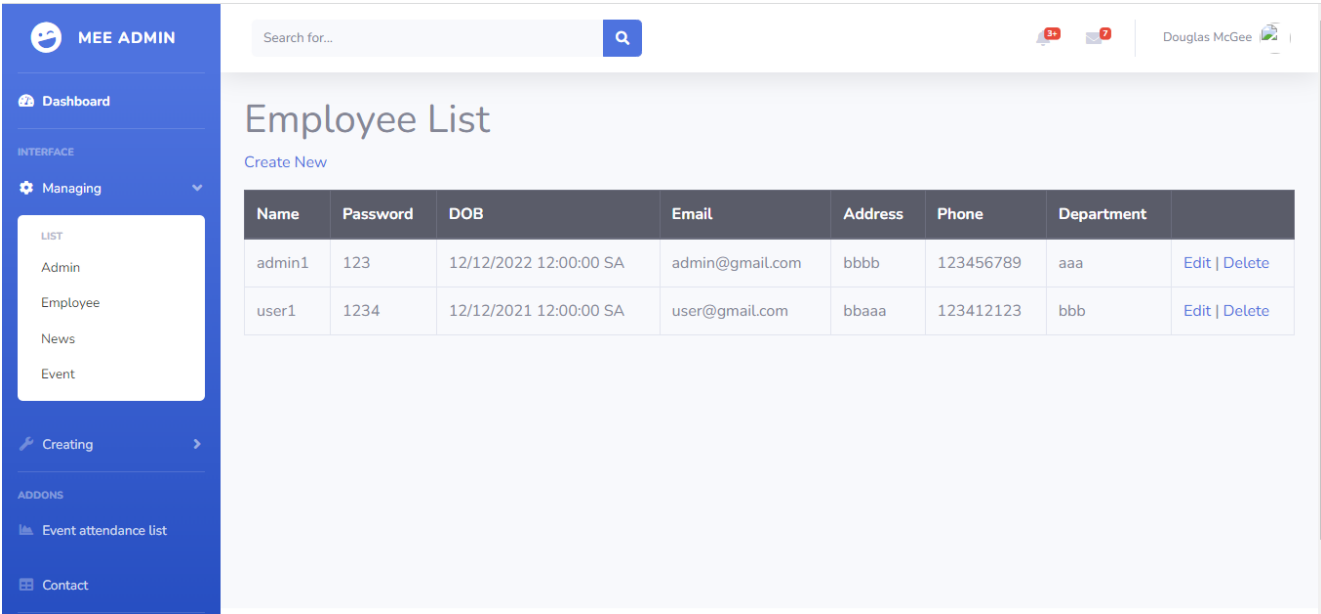
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Description	AdminPage
Connect From	N/A
Connect To	Managing Page, Creating Page, Event attendance list & Contact
Validation	N/A
Initial Values	N/A
Events	CRUD Account, Events and News

b. Employee List

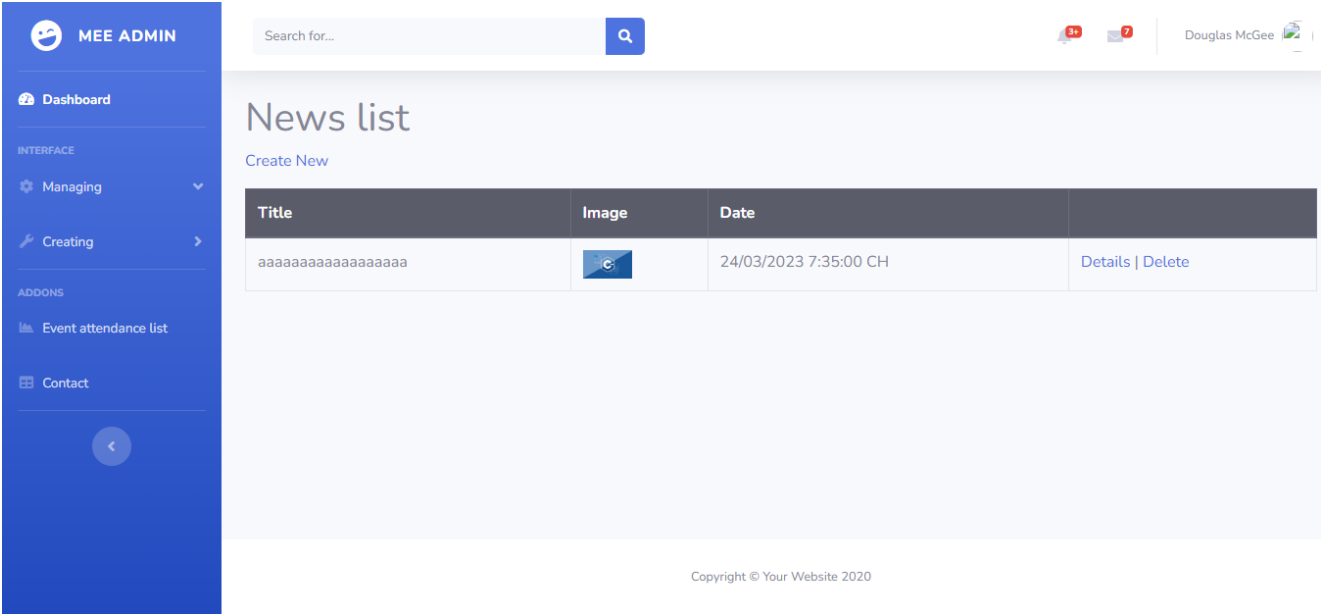
Design plan: Blue Pumpkin	Document Name: Review	SWD/Form No.1
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Description	AdminPage
Connect From	N/A
Connect To	N/A
Validation	N/A
Initial Values	N/A
Events	List Employee and Admin was created

c. News List

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Description	NewsListPage
Connect From	N/A
Connect To	N/A
Validation	N/A
Initial Values	N/A
Events	List News was created and admin can update delete this news

d, Event List

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Dashboard

INTERFACE

Managing

Creating

ADDONS

Event attendance list

Contact

Search for...

Q

3

2

Douglas McGee

Event list

Create New

Title	Attendance	Startdate	Enddate	Status	
aaaa	1	02/03/2023 2:36:00 CH	12/03/2023 2:36:00 CH	Eligible to join	Edit Status Delete

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Description	Events List Page
Connect From	N/A
Connect To	N/A
Validation	N/A
Initial Values	N/A
Events	List Events was created and admin can update delete this Events

e. Employee Create

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INTERFACE

Managing

Creating

CREATING:

Admin

Employee

News

Event

ADDONS

Event attendance list

Contact

<

Employee

ID

Name

Password

DOB

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

Email

Address

Phone

Description	Employee Create
Connect From	N/A
Connect To	N/A
Validation	N/A
Initial Values	N/A
Events	Create new Employee Account

f. News Create

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Dashboard

INTERFACE

Managing

Creating

ADDONS

Event attendance list

Contact

Create

News

news_title

news_subtitle

Image

Chọn tệp Không có tệp nào được chọn

news_text

news_date

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

Create

Description	News Create
Connect From	N/A
Connect To	N/A
Validation	N/A
Initial Values	N/A
Events	Create new News

g. **Event attendance list**

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Dashboard

INTERFACE

Managing

Creating

ADDONS

Event attendance list

Contact

Search for...

Q

2

2

Douglas McGee

Index

Employee	Event	Status	Action
	2	Pending	<div>confirm</div> <div>ignore</div>
	1	Registered	

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Description	Event attendance list
Connect From	N/A
Connect To	N/A
Validation	N/A
Initial Values	N/A
Events	Accept request of Employee who send

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Task Sheet Review 3

Project Ref. No.: eP/Vehicle-Insurance- Management/04		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Site Map	Employee Management	All Members	03/3/2023	1	Nguyen Tam Hieu	Complete d
2	HomePage GUI			03/3/2023	1	Nguyen Duc Anh	Complete d
3	Login GUI			03/3/2023	1	Vu Lam Minh Tuan	Complete d
4	Event Infomation			03/3/2023	1	Tran Le Thien Phuc	Complete d
5	Home Admin			03/3/2023	1	Nguyen Tam Hieu	Complete d

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6	Employee List			03/3/2023	1	Tran Le Thien Phuc	Completed
7	News List			03/3/2023	1	Vu Le Minh Tuan	Completed
8	Event List			03/3/2023	1	Nguyen Duc Anh	Completed
9	Employee Create			03/3/2023	1	Tran Le Thien Phuc	Completed
10	News Create			03/3/2023	1	Nguyen Tam Hieu	Completed
11	Events Create			03/3/2023	1	Nguyen Duc Anh	Completed
12	Event attendance			03/3/2023	1	Nguyen Tam Hieu	Completed

Date: 03/02/2023							
Signature of Instructor				Signature of Team Leader			
Mr. Tran Phuoc Sinh				Tran Le Thien Phuc			