

Portfolio Report

Princess Nora Bint Abdulrahman University

College of Computer and Information Sciences

Computer science

Spring 2021

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King Fahd Medical City (KFMC)

Training Start Date: 17/ 1/2021

Training End Date: 4 / 3/2021

This Report is Submitted in Partial Fulfillment of the Co-Op Training Program

Date: 6/ 3/2021

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1. Introduction

King Fahd Medical City (KFMC) is a medical facility in Riyadh, Saudi Arabia. With four hospitals, KFMC is the largest medical facility in Saudi Arabia. KFMC provides COOP training for students, my training program was in executive information training department.

We start with (DDL) Data Definition Language which is used to define data structures. And (DML)Data Manipulation Language which is used to manipulate data itself. and then start programming with C# in visual studio and perform CRUD (Create, Read, Update, Delete) operation with ASP.NET. Also, we have worked on import data from excel to the database,

The main training program was focusing on practical approach to gather business requirements, design, develop and deploy a Web based application that automate business processes based on the business needs.

2.Internship objectives

The main strategy applied in the program was focusing on practical approach.

The assigned tasks:

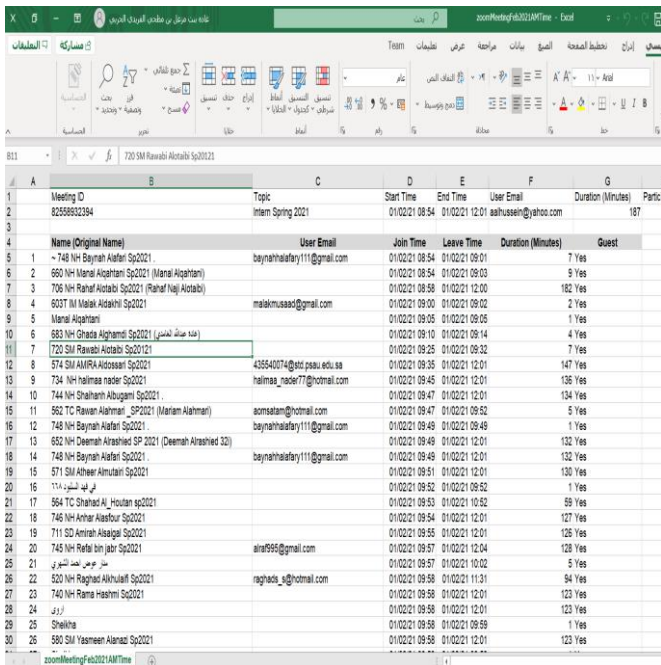
- 1- Create a database, lookup table. know how to make database backup and restore, know how to make export and import data from / to the database.
- 2- create a new web app by MS Visual Studio.
- 3- create new asp.net (web form) pages.
- 4- create drop down list to show look up tables created in database.
- 5- Create input form to collect visitor information to be saved in database (create buttons to use CRUD operation).
- 6- Create button to export data from asp.net page to excel.
- 7- Create contact us page to allow visitor to send email from application.
- 8- apply site security to the main project.
- 9- Add CSS properties on the main project.
- 10- Host the project by Smart ASP.NET and FTP.
- 11- Mail Merge word document.
- 12- Create Sign Up page by MVC.
- 13- Add git version control system to files.

3. Achieved objectives with samples

3.1 import data from excel to the database (point 1 in Internship objectives section).

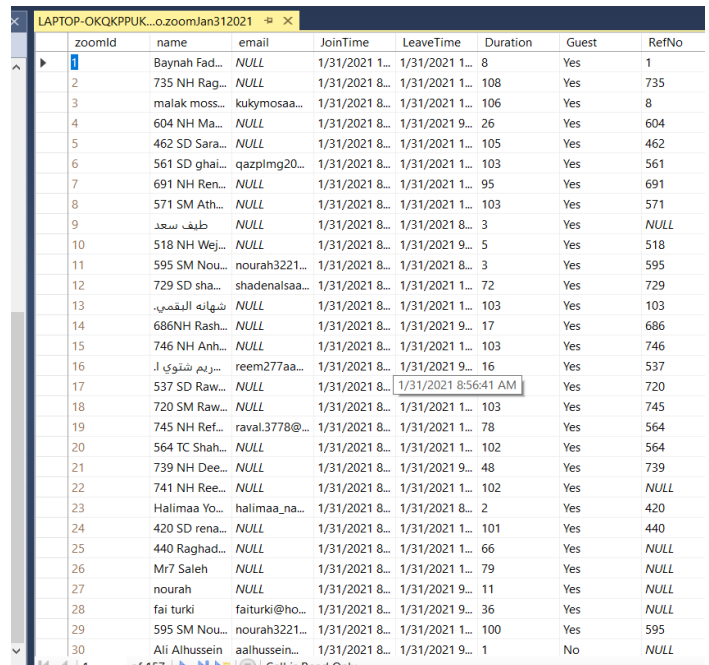
3.1.1 Import attached excel file to MS SQL server into a table

3.1.2 After we import the excel file to a table inside SQL server database, we use SQL Server function to create a column under the name of "refNO".



	A	B	C	D	E	F	G
1	Meeting ID	Topic	Start Time	End Time	User Email	Duration (Minutes)	Particip
2	8558932394	Intern Spring 2021	01/02/21 08:54	01/02/21 12:01	aashusein@yahoo.com	187	
3							
4	Name (Original Name)	User Email	Join Time	Leave Time	Duration (Minutes)	Guest	
5	1 748 NH Baynah Alfarfi Sp2021	baynahalfarfi111@gmail.com	01/02/21 08:54	01/02/21 09:01	7 Yes		
6	2 660 NH Manal Alqatani Sp2021 (Manal Alqatani)		01/02/21 08:54	01/02/21 09:03	9 Yes		
7	3 706 NH Rahaf Alotabi Sp2021 (Rahaf Naj Alotabi)		01/02/21 08:58	01/02/21 12:00	182 Yes		
8	4 603T IM Malak Aldehli Sp2021	malakmusaad@gmail.com	01/02/21 09:00	01/02/21 09:02	2 Yes		
9	5 Manal Alqatani		01/02/21 09:05	01/02/21 09:05	1 Yes		
10	6 883 NH Ghada Alghamdi Sp2021 (غادة غادة الحمدي)		01/02/21 09:10	01/02/21 09:14	4 Yes		
11	7 720 SM Rawabi Alotabi Sp2021		01/02/21 09:25	01/02/21 09:32	7 Yes		
12	8 574 SM AMRA Adossan Sp2021	435540074@stu.psu.edu.sa	01/02/21 09:35	01/02/21 12:01	147 Yes		
13	9 734 NH Halima naser Sp2021	halima_naser77@hotmail.com	01/02/21 09:45	01/02/21 12:01	136 Yes		
14	10 744 NH Shaleeh Alkagani Sp2021		01/02/21 09:47	01/02/21 12:01	134 Yes		
15	11 562 TC Rayan Alhamar SP2021 (Marlem Alhamar)	asomlatam@hotmail.com	01/02/21 09:47	01/02/21 09:52	5 Yes		
16	12 748 NH Baynah Alfarfi Sp2021	baynahalfarfi111@gmail.com	01/02/21 09:49	01/02/21 09:49	1 Yes		
17	13 652 NH Deemah Alrashid SP 2021 (Deemah Alrashid 32)		01/02/21 09:49	01/02/21 12:01	132 Yes		
18	14 748 NH Baynah Alfarfi Sp2021	baynahalfarfi111@gmail.com	01/02/21 09:49	01/02/21 12:01	132 Yes		
19	15 571 SM Akheer Almutairi Sp2021		01/02/21 09:51	01/02/21 12:01	130 Yes		
20	16 في الشهور ١١٠٠		01/02/21 09:52	01/02/21 09:52	1 Yes		
21	17 564 TC Shaleh Al Houtan sp2021		01/02/21 09:53	01/02/21 10:52	59 Yes		
22	18 748 NH Anhar Alasfour Sp2021		01/02/21 09:54	01/02/21 12:01	127 Yes		
23	19 711 SD Anhar Alasfour Sp2021		01/02/21 09:55	01/02/21 12:01	126 Yes		
24	20 748 NH Refai bin jabr Sp2021	ainaf95@gmail.com	01/02/21 09:57	01/02/21 12:04	128 Yes		
25	21 مزارع محمد الكوي		01/02/21 09:57	01/02/21 10:02	5 Yes		
26	22 520 NH Raghad Alkhulaf Sp2021	raghad_u@hotmail.com	01/02/21 09:58	01/02/21 11:31	94 Yes		
27	23 740 NH Rama Hashmi Sp2021		01/02/21 09:58	01/02/21 12:01	123 Yes		
28	24 روي		01/02/21 09:58	01/02/21 12:01	123 Yes		
29	25 Shaleha		01/02/21 09:58	01/02/21 09:59	1 Yes		
30	26 580 SM Yasmeen Alnazi Sp2021		01/02/21 09:58	01/02/21 12:01	123 Yes		

Fig 3.1.1



	zoomid	name	email	JoinTime	LeaveTime	Duration	Guest	RefNo
1		Baynah Fad...	NULL	1/31/2021 1...	1/31/2021 1...	8	Yes	1
2		735 NH Rag...	NULL	1/31/2021 8...	1/31/2021 1...	108	Yes	735
3		malak moss...	kukymosaa...	1/31/2021 8...	1/31/2021 1...	106	Yes	8
4		604 NH Ma...	NULL	1/31/2021 8...	1/31/2021 9...	26	Yes	604
5		462 SD Sara...	NULL	1/31/2021 8...	1/31/2021 1...	105	Yes	462
6		561 SD ghai...	qazplimg20...	1/31/2021 8...	1/31/2021 1...	103	Yes	561
7		691 NH Ren...	NULL	1/31/2021 8...	1/31/2021 1...	95	Yes	691
8		571 SM Ath...	NULL	1/31/2021 8...	1/31/2021 1...	103	Yes	571
9		طيف سعد	NULL	1/31/2021 8...	1/31/2021 8...	3	Yes	NULL
10		518 NH Wej...	NULL	1/31/2021 8...	1/31/2021 9...	5	Yes	518
11		595 SM Nou...	nourah3221...	1/31/2021 8...	1/31/2021 8...	3	Yes	595
12		729 SD sha...	shadenalsaa...	1/31/2021 8...	1/31/2021 1...	72	Yes	729
13		شاهانة القصب...	NULL	1/31/2021 8...	1/31/2021 1...	103	Yes	103
14		686NH Rash...	NULL	1/31/2021 8...	1/31/2021 9...	17	Yes	686
15		746 NH Anh...	NULL	1/31/2021 8...	1/31/2021 1...	103	Yes	746
16		ريم شتوي ل	reem277aa...	1/31/2021 8...	1/31/2021 9...	16	Yes	537
17		537 SD Raw...	NULL	1/31/2021 8...	1/31/2021 8:56:41 AM		Yes	720
18		720 SM Raw...	NULL	1/31/2021 8...	1/31/2021 1...	103	Yes	745
19		745 NH Ref...	raval3778@...	1/31/2021 8...	1/31/2021 1...	78	Yes	564
20		564 TC Shah...	NULL	1/31/2021 8...	1/31/2021 1...	102	Yes	564
21		739 NH Dee...	NULL	1/31/2021 8...	1/31/2021 9...	48	Yes	739
22		741 NH Ree...	NULL	1/31/2021 8...	1/31/2021 1...	102	Yes	NULL
23		Halimaa Yo...	halimaa_na...	1/31/2021 8...	1/31/2021 8...	2	Yes	420
24		420 SD rena...	NULL	1/31/2021 8...	1/31/2021 1...	101	Yes	440
25		440 Raghad...	NULL	1/31/2021 8...	1/31/2021 1...	66	Yes	NULL
26		Mir7 Saleh	NULL	1/31/2021 8...	1/31/2021 1...	79	Yes	NULL
27		nourah	NULL	1/31/2021 8...	1/31/2021 9...	11	Yes	NULL
28		fai turki	faiturki@ho...	1/31/2021 8...	1/31/2021 9...	36	Yes	NULL
29		595 SM Nou...	nourah3221...	1/31/2021 8...	1/31/2021 1...	100	Yes	595
30		Ali Alhussein	aalhussein...	1/31/2021 8...	1/31/2021 9...	1	No	NULL

Fig 3.1.2

3.2 Mail Merging

First, we choose a templet and then we write the field name in database.

studentId	studentName	collageName	major	studentLevel	trainingCenter	trainingDep	trainer	supervisor	studentForm
438001976	nora Ahmed	Computer s...	IT	8	King Fahad ...	NULL	ALI	dr. Faten	1234567890
438001976	ghadah ALh...	Computer s...	CS	8	King Fahad ...	NULL	ALI	Dr. Faten	34567890
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Fig 3.2.1

Second; we export it to Excel file and go back to word document and choose mail merge -and insert every field in right place

الحافظة	خط	محادثة	رقم	أنماط	خلايا	تحرير	الحسابية																	
تقنية المعلومات																								
Y	X	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
trainingDep	TrainingCenter	major	studentNo	CollageName	Title	trainer	Total	Evaluation1	Evaluation9	Evaluation8	Evaluation7	Evaluation6	Evaluation5	Evaluation4	Evaluation3	Evaluation2	Evaluation1	arabicName	no					
تقنية المعلومات	مدينة الملك فهد الطبية	علوم الحاسب	438001976	مستشار تقني كلية علوم الحاسب والمعلومات	د.علي محمد	100	10	9	8	7	6	5	4	3	2	1	غادة مزعل الحربي	1	2	3				

Fig 3.2.2

جامعة الأميرة نورة بنت عبدالرحمن
وكالة الجامعة للشؤون التعليمية
وحدة التدريب الميداني

رمز النموذج: 0130-F54

نموذج تقييم جهة التدريب الميداني

معلومات الطالب المتدربة:

اسم الطالبة	«arabicName»	الرقم الجامعي	«studentNo»
الكلية	«CollageName»	التخصص	«major»
جهة التدريب	«TrainingCenter»	إدارة التدريب	«trainingDep»
تاريخ بداية التدريب	من: ١٤ / / ١٤ هـ	مدة التدريب	عدد أيام التدريب... عدد أسابيع التدريب... عدد ساعات التدريب...

تقديم أداء الطالبة:

الدرجة	نقاط التقييم	الدرجة	الدرجة المستحقة
١	حسنة الصورة والسلوك...	١٠	«Evaluation1»
٢	تحترم مواعيد العمل...	١٠	«Evaluation2»
٣	تتبع التعليمات والأنظمة...	١٠	«Evaluation3»
٤	تتعاون بشكل جيد مع الزميلات والموظفات وغيرهم من العملاء...	١٠	«Evaluation4»
٥	لديها القدرة على الاستيعاب والتواصل مع الآخرين...	١٠	«Evaluation5»
٦	لديها القدرة على تنفيذ ما ينسب إليها من مهام...	١٠	«Evaluation6»
٧	القدرة على العمل ضمن فريق عمل...	١٠	«Evaluation7»
٨	القدرة على العمل بصورة مستقلة...	١٠	«Evaluation8»
٩	لديها القدرة على الإبداع في العمل...	١٠	«Evaluation9»
١٠	الترام الطالبة المتدربة بالآراء الرسمية والحجاب الشرعي...	١٠	«Evaluation10»
	الدرجة الاجمالية للطالبة المتدربة	١٠٠	«Total»

إيجابيات وسبلات تتحلى بها الطالبة واقتراحات للتطوير والتحسين...

إيجابيات	
سبلات	
اقتراحات لتطوير	

Fig 3.2.3

البيانات

مراجعة

عرض

تعليمات

تصميم الجدول

البيانات

arabicName

F3

Evaluation1

Evaluation2

Evaluation3

Evaluation4

Evaluation5

Evaluation6

Evaluation7

Evaluation8

Evaluation9

Evaluation10

Total

trainer

Title

CollageName

F18

studentNo

F20

major

TrainingCenter

F23

trainingDep

F26

Fig 3.2.4

3.3 Backup and restore

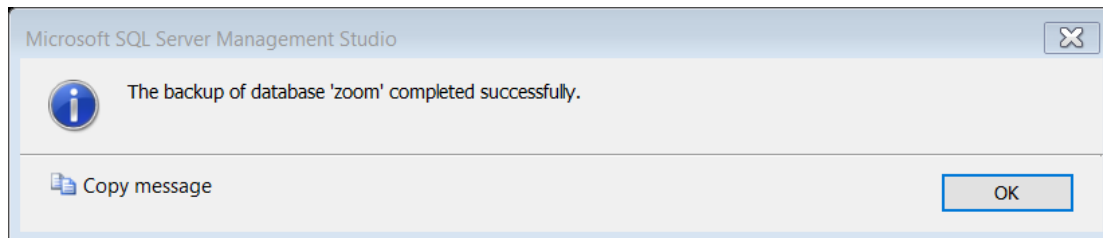
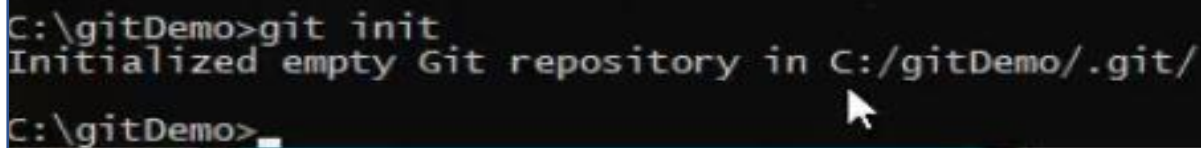


Fig 3.3.1 Back Up the data base

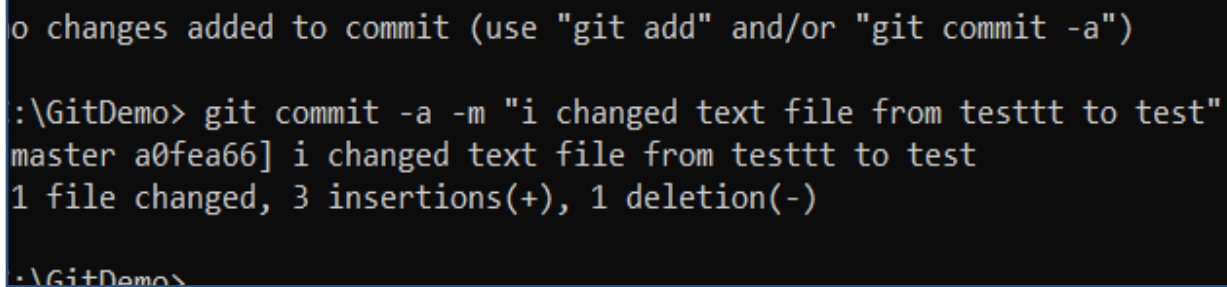
3.4 Adding git to the main project

Git is a Version control is a system that records changes to a file or set of files over time so that you can recall specific versions later.



```
C:\gitDemo>git init
Initialized empty Git repository in C:/gitDemo/.git/
C:\gitDemo>
```

Fig 3.4.1

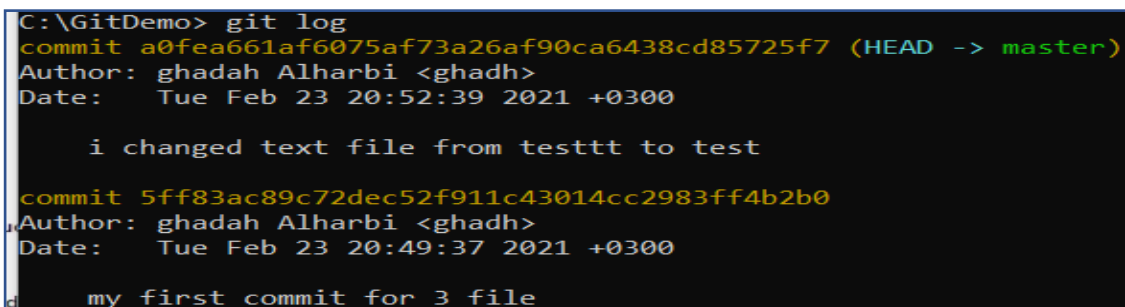


```
o changes added to commit (use "git add" and/or "git commit -a")

:\GitDemo> git commit -a -m "i changed text file from testttt to test"
master a0fea66] i changed text file from testttt to test
1 file changed, 3 insertions(+), 1 deletion(-)

.\GitDemo\
```

Fig 3.4.2



```
C:\GitDemo> git log
commit a0fea661af6075af73a26af90ca6438cd85725f7 (HEAD -> master)
Author: ghadah Alharbi <ghadh>
Date: Tue Feb 23 20:52:39 2021 +0300

    i changed text file from testttt to test

commit 5ff83ac89c72dec52f911c43014cc2983ff4b2b0
Author: ghadah Alharbi <ghadh>
Date: Tue Feb 23 20:49:37 2021 +0300

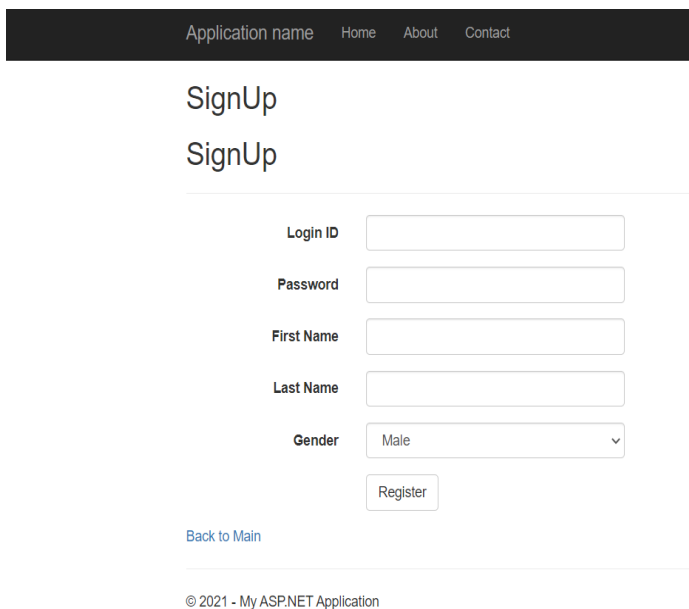
    my first commit for 3 file
```

Fig 3.4.3

3.5 Create Sign Up page in ASP.NET MVC

MVC is a design pattern used to decouple user-interface (view), data (model), and application logic (controller). This pattern helps to achieve separation of concerns.

I create a sign-up page as shown in figure bellow



Application name Home About Contact

SignUp

SignUp

Login ID

Password

First Name

Last Name

Gender Male

[Back to Main](#)

© 2021 - My ASP.NET Application

Fig 3.5.1

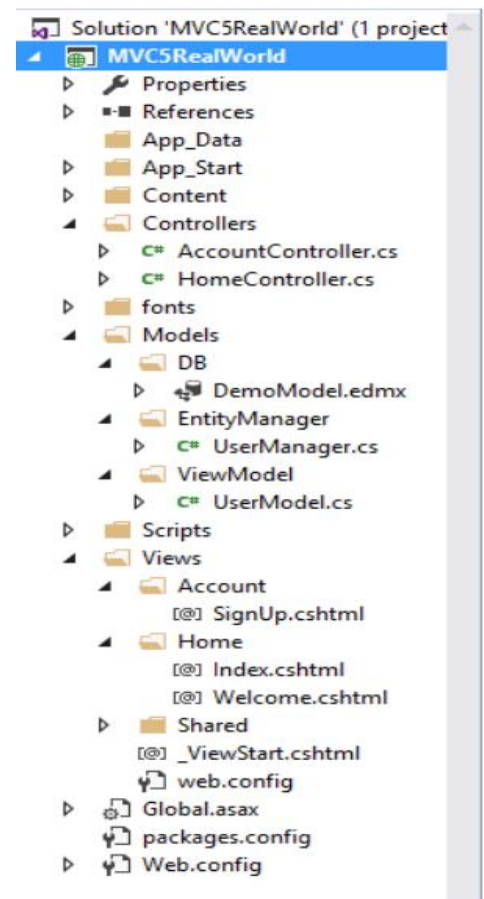


Fig 3.5.2

3.6 The final project in ASP.NET Web Forms

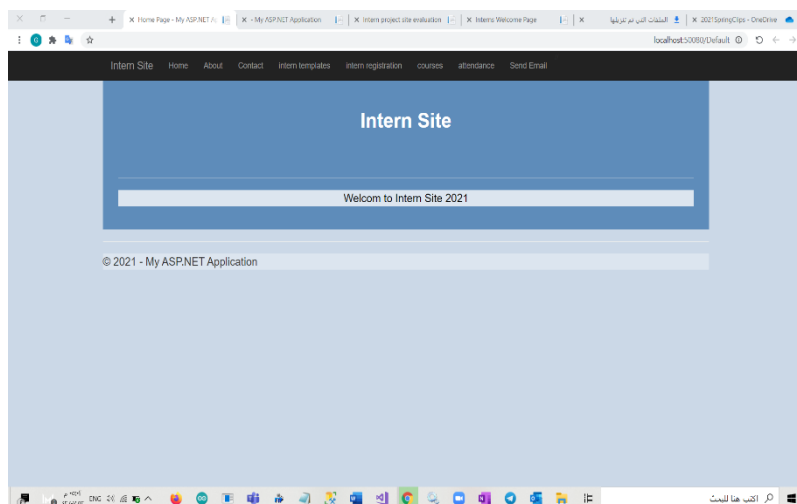


Fig 3.6.1 intern welcome page

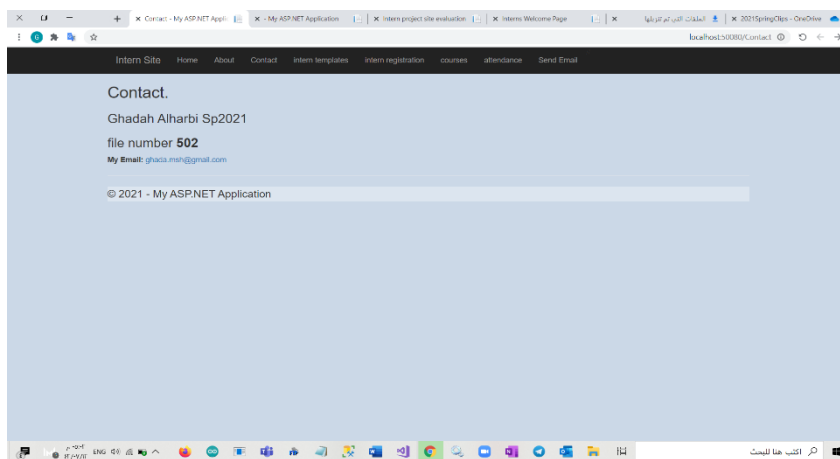


Fig 3.6.2 contact page

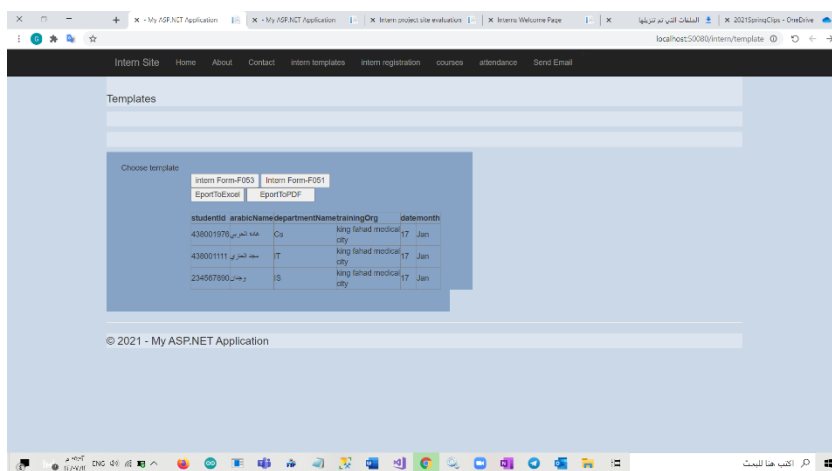


Fig 3.6.3 intern templates page

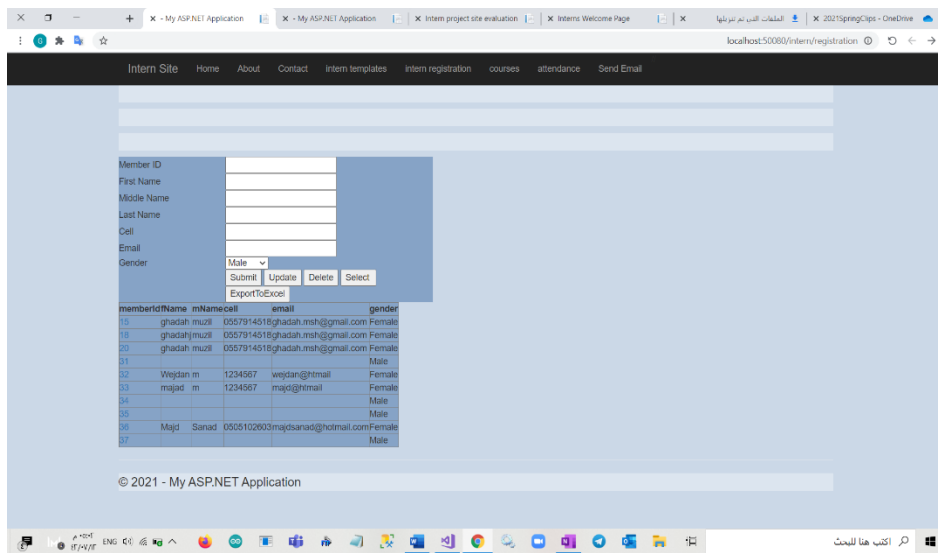


Fig 3.6.4 intern registration page

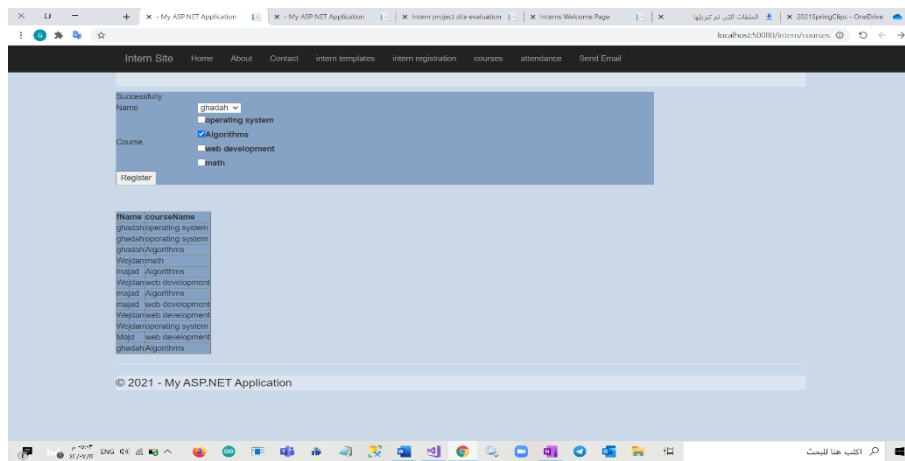


Fig 3.6.5 courses page

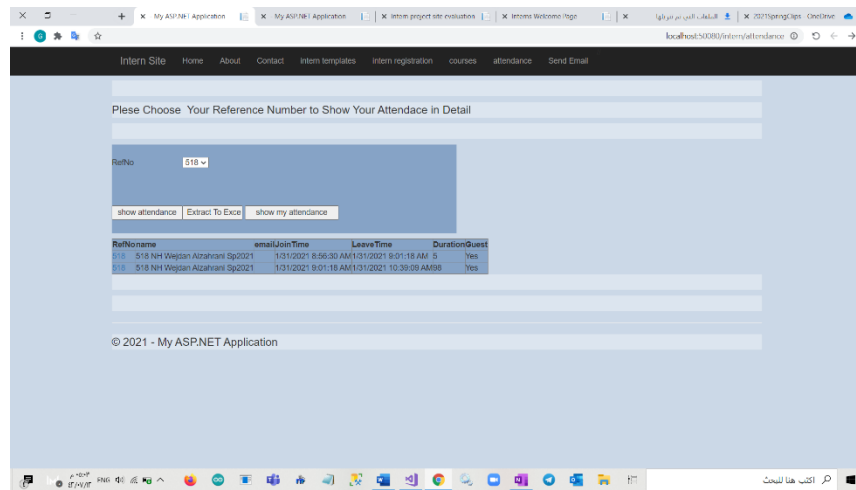


Fig 3.6.6 intern attendance page

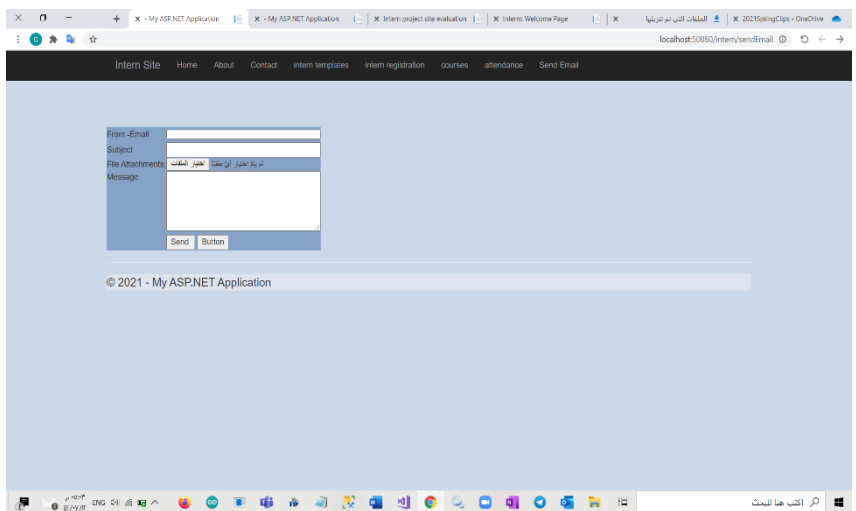


Fig 3.6.7 sending Email page

3.7 apply site security to the main project.

Output	Default.aspx	registration.aspx
1	<?xml version="1.0"?>	
2	<configuration>	
3	<system.web>	
4	<authorization>	
5	<allow roles="intern" />	
6	<deny users="*" />	
7	</authorization>	
8	</system.web>	
9	</configuration>	
10		
11		
12		
13		

Fig 3.7.1

4. Learning outcomes

- Ability to apply knowledge of database.
- Ability to apply Object Oriented Programming concepts and development
- Ability to design, develop and deploy a Web based application.
- Ability to function effectively on teams to accomplish a common goal.
- Ability to use current techniques, skills, and tools necessary for Web development.

5. Skills and techniques acquired

- Build a web project. (see attachment [1])
- Deal with different web-application framework, ASP.NET Web Forms and ASP.NET MVC, as shown in achieved objectives sections.
- Deal with SQL server management and CRUD operation.
- Teamwork skill.
- Self-learning skill
- Time management skill

6. Self-evaluation

I expected that I will be able to apply what I have learned theoretically during my studying in computer science college, and I found my expectations true.

However, I thought that training in KFMC would be difficult and over my abilities, but I found that it is not that difficult thanks to my advisor Dr. Ali Alhussein encouragement and advisement.

Overall, I think that I have done well as a trainee student, I achieved most of the assigned tasks and carried out my responsibilities, and I will do my best to develop the weak points I found during the training program.

7. Resume



✉
ghadah.msh@gmail.com

☎
0557914518

📍
Riyadh, Riyadh

SKILLS

programming with java ,
javascript and c#

Web application design
with HTML and CSS

Database design with
SQL

LANGUAGES

English
Professional Working Proficiency

Arabic
Native or Bilingual Proficiency

Ghadah ALharbi

Professional Title

fullstack developer & computer science student with a passion for web developer .always eager to adapt and take on new challenges

EDUCATION

Bachelor's degree
Princess Nourah Bint Abdul Rahman University
4.18

WORK EXPERIENCE

collaborative training program in Web Application Development
King Fahad Medical City
01/2021 - 03/2021

ORGANIZATIONS

Riyadh Rehabilitation Center
volunteer for World Down Syndrome Day at the Riyadh Specialized Center for Rehabilitation (4 hours)

PNU International Conference on computing.
Volunteer to organize an 8-hour PNU International Conference on computing

CERTIFICATES

Introduction to the Internet of Things(IoT) (2020 - Present)
Ministry of Communications and Information Technology

Scientific Research (2018 - Present)

Infographic preparation and design

Optical fiber technology and internet speeds

The ethical charter for dealing with technology

Basic first aid skills

PERSONAL PROJECTS

The Arab Reading Challenge
▣ Participate in (The Arab Reading Challenge) and nominated for the second stage

student leadership workshop.
▣ Attending to the student leadership workshop.

school magazine team.
▣ A member of the school magazine team.

8. Attachment

[1] the final project

[Online]. Available: <http://ghadahfr-001-site1.btempurl.com/>.