



American International University- Bangladesh

CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation

Project Report

Spring 20-21

Project Title: **MODERN MEDICAL**

Section: **I**

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Introduction:

Illness is the major issue to survive in our daily life. To overcome this issue we need good treatment and consultation from a specialist doctor. If we look around our surrounding area we can see that not every hospital and clinic can't give us good treatment. As a citizen of a country, it is our fundamental right to receive better medical care. We are going to create this website keeping in view the assurance of advanced medical services so that every citizen will get proper treatment from there. We firmly believe that our citizens will get better medical care at a low cost through the use of this service.

Background Study

- ❖ <http://www.edoctor.net.in> E-Doctor is an online doctor platform in India. The main aim of this websites is to open E-health clinics at every rural or urban area across India to provide health care services at minimum cost with co-ordination of highly educated doctors.
- ❖ <https://www.apollo247.com/specialties> - Apollo247 has a service like online doctor consultation. Anyone across India can take their service any time. Patient can consult their treatment using video conference.
- ❖ <https://www.mdlive.com> Working side-by-side with health plan, MDLIVE designs scaled, customized telehealth solutions to minimize risks and costs while delivering outstanding ROI. Moreover, it gives their members high-quality, affordable access to healthcare. Whenever they need it with the convenience, they've come to expect everywhere else in their busy lives.

Requirement Analysis:

1. User Category:

There are 4-types of Users here. They are:

- Admin
- Receptionist
- Patient
- Doctor

2. Feature List:

In this project the “**Admin**” has the following features:

- Can add, remove or block **Receptionist/ Patient/Doctor**.
- Can verify **Receptionist/ Patient/Doctor** profiles.
- Can upgrade the system.

In this project the “**Receptionist**” has the following features:

- Can add or remove **Patient** appointment serials.



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- Notify to the **Patient** about **Doctor** availability.
- Notify to the **Doctor** about **Patient** availability.
- **Receptionist** Take payment from **Patient**.

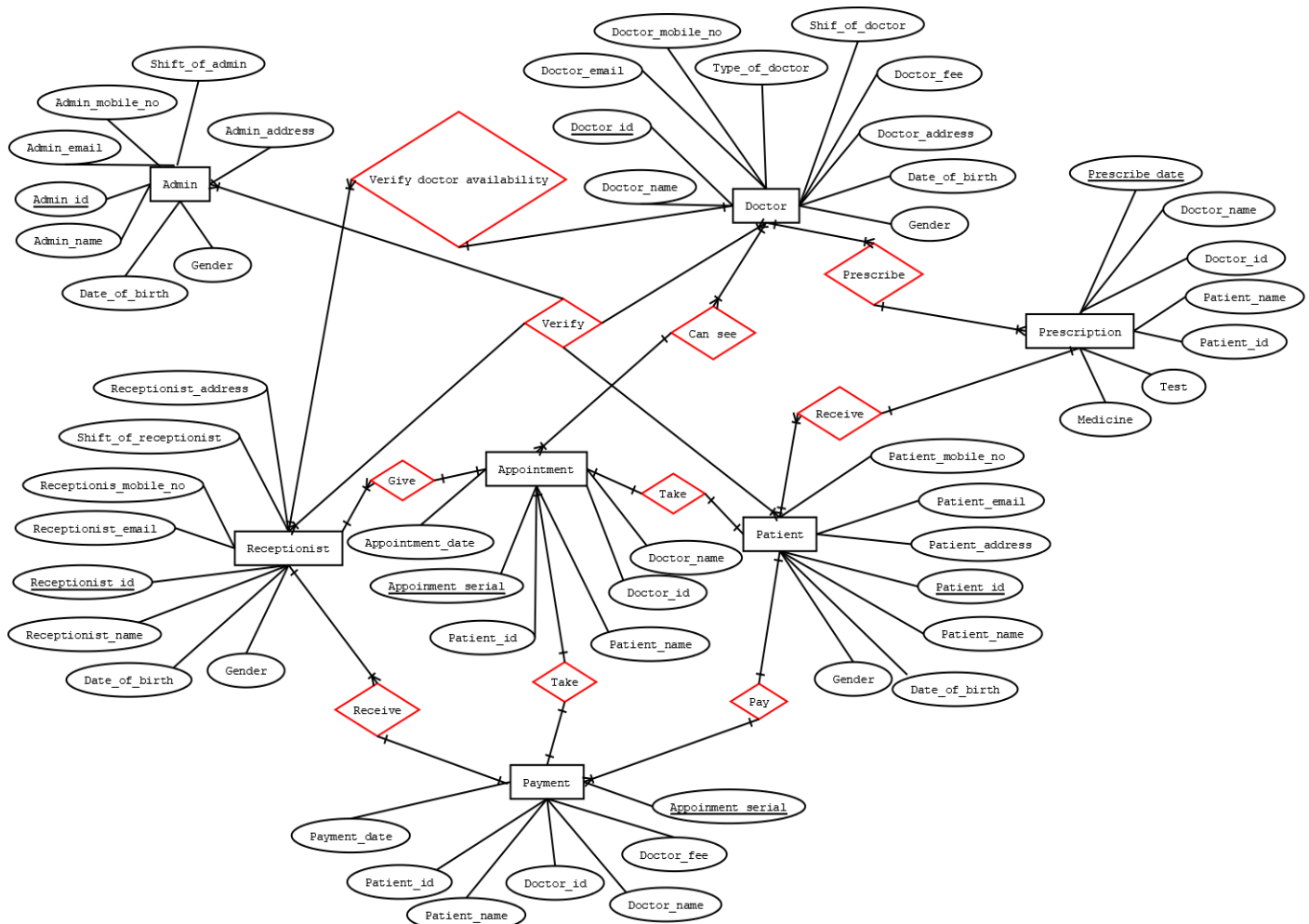
In this project the “**Patient**” has the following features:

- Can take doctor’s appointment from the **Receptionist**.
- Can choose their desired doctor according to their illness.
- Can provide their physical and mental statement.
- **Patient** give payment to the **Receptionist**.

In this project the “**Doctor**” has the following features:

- Can note down the symptoms of patient about their illness.
- Can prescribed necessary medicine and diagnosis test, if needed.
- Can provide re-appointment date if needed.
- Can see the **Patient** Info list.

Design:



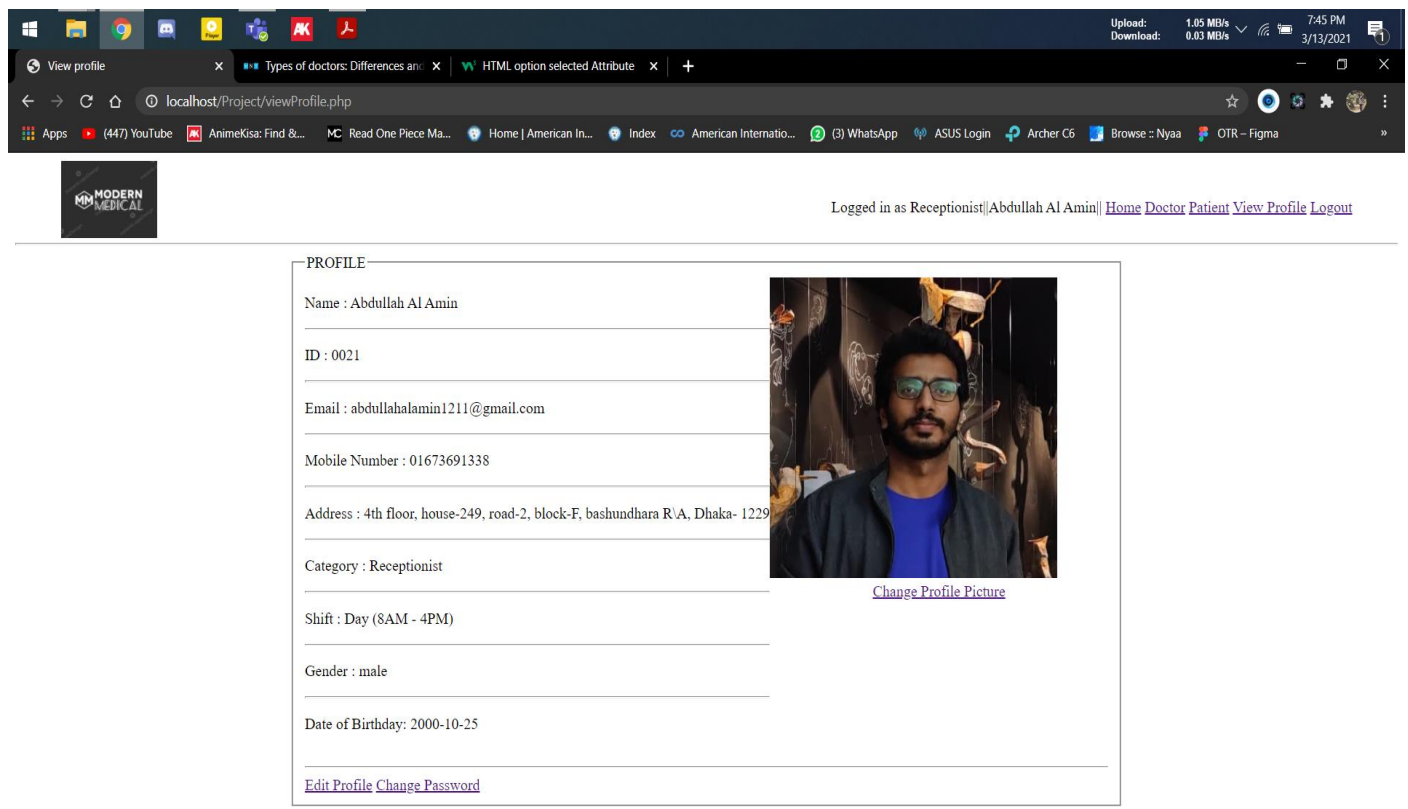
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Tools Used:

To develop this project, we have used the following:

- Visual Studio Code
- Xampp
- Dia
- Chrome

System Images against the Specification:

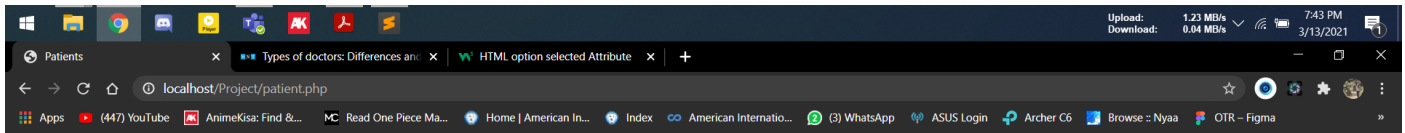


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Fig: This is about our Receptionist Profile View



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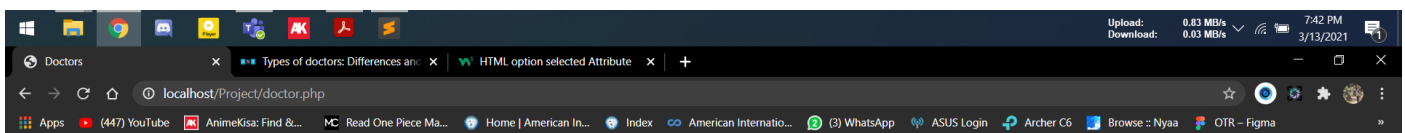
Logged in as Receptionist|Abdullah Al Amin| [Home](#) [Doctor](#) [Patient](#) [View Profile](#) [Logout](#)

Patients Info

ID	Name	Email	Mobile Number	Gender	Date Of Birth	Address	Doctor Name	Doctor Id	Doctor Fee	Payment Date	Appointment Date	Serial	Confirmation
001	Mr. Mahfuz	mrmahfuz@yahoo.com	01623333383	Male	2000-01-02	Uttara,Dhaka.	Mr. Iqbal	03	600	03/16/2021	03/17/2021	1	Submit Delete
002	Mr. Rahman	mrrahman@yahoo.com	01723333383	Male	1995-01-02	Uttara,Dhaka.	Mr. kamal	02	500	03/16/2021	03/17/2021	1	Submit Delete
003	Mr. Hasib	mrrhasiv@yahoo.com	01923333383	Male	2000-06-02	Uttara,Dhaka.	Mr. Rahim	01	600	03/16/2021	03/17/2021	1	Submit Delete
004	Mr. Sauto	mrsauto@yahoo.com	01626666683	Male	2000-06-02	Banani,Dhaka.	Mr. Kader	05	600	03/16/2021	03/17/2021	1	Submit Delete
005	Mrs. Rahima	mrmrahima@yahoo.com	01923333383	Female	2000-04-02	Uttara,Dhaka.	Mrs. Fatema	04	500	03/16/2021	03/17/2021	1	Submit Delete
006	Mr. Maha	mrmaha@yahoo.com	01623333383	Male	2000-08-02	Uttara,Dhaka.	Mr. Baker	06	600	03/16/2021	03/17/2021	1	Submit Delete
007	Mrs. Roy	mrsroy@yahoo.com	01523333383	Female	2000-04-03	Bashundhara,Dhaka.	Mrs. Rahima	07	600	03/16/2021	03/17/2021	1	Submit Delete
008	Mr. Rashid	mrrashid@yahoo.com	01623333383	Male	2000-01-02	Uttara,Dhaka.	Mr. Belal	08	600	03/16/2021	03/17/2021	1	Submit Delete
009	Mr. Sadat	mrsadat@yahoo.com	01323333383	Male	1991-05-02	Mirpur,Dhaka.	Mrs. Fatema	04	500	03/16/2021	03/17/2021	2	Submit Delete
009	Mrs. Sadat	mrsadat@yahoo.com	01623388383	Female	1995-01-02	Mirpur,Dhaka.	Mrs. Fatema	04	500	03/16/2021	03/17/2021	3	Submit Delete

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Fig: Receptionist can view the appointment list where all patient and doctor info was listed.



Logged in as Receptionist|Abdullah Al Amin| [Home](#) [Doctor](#) [Patient](#) [View Profile](#) [Logout](#)

Doctors Info

ID	Name	Email	Mobile Number	Type	Gender	Fee	Shift	Address
01	Mr. Rahim	mrrahim@yahoo.com	01722165883	Ophthalmologists	Male	600TK	6PM - 9PM	Banani,Dhaka.
02	Mr. kamal	mrkamal@yahoo.com	01655165883	Dermatologists	Male	500TK	6PM - 9PM	Uttara,Dhaka.
03	Mr. Iqbal	mriqbal@yahoo.com	01823365883	Ophthalmologists	Male	600TK	6PM - 9PM	Mohakhali,Dhaka.
04	Mrs. Fatema	mrsfatema@yahoo.com	01386465883	Cardiologists	Female	500TK	6PM - 9PM	Banani,Dhaka.
05	Mr. Kader	mrrahim@yahoo.com	01923333383	Endocrinologists	Male	600TK	6PM - 9PM	Banani,Dhaka.
06	Mr. Baker	mraker@yahoo.com	01523333383	Gastroenterologists	Male	600TK	6PM - 9PM	Khilgoan,Dhaka.
07	Mrs. Rahima	mrsrahima@yahoo.com	01822555883	Nephrologists	Female	600TK	6PM - 9PM	Banani,Dhaka.
08	Mr. Belal	mrbelal@yahoo.com	01722333383	Urologists	Male	600TK	6PM - 9PM	Gulshan,Dhaka.
09	Mr. Iqbal	mriqbal@yahoo.com	01823365883	Ophthalmologists	Male	600TK	6PM - 9PM	Mohakhali,Dhaka.
10	Mrs. Fatema	mrsfatema@yahoo.com	01386465883	Cardiologists	Female	500TK	6PM - 9PM	Banani,Dhaka.
11	Mr. Kader	mrrahim@yahoo.com	01923333383	Endocrinologists	Male	600TK	6PM - 9PM	Banani,Dhaka.
12	Mr. Baker	mraker@yahoo.com	01523333383	Gastroenterologists	Male	600TK	6PM - 9PM	Khilgoan,Dhaka.
13	Mr. Iqbal	mriqbal@yahoo.com	01823365883	Ophthalmologists	Male	600TK	6PM - 9PM	Mohakhali,Dhaka.
14	Mrs. Fatema	mrsfatema@yahoo.com	01386465883	Cardiologists	Female	500TK	6PM - 9PM	Banani,Dhaka.
15	Mr. Kader	mrrahim@yahoo.com	01923333383	Endocrinologists	Male	600TK	6PM - 9PM	Banani,Dhaka.
16	Mr. Baker	mraker@yahoo.com	01523333383	Gastroenterologists	Male	600TK	6PM - 9PM	Khilgoan,Dhaka.
17	Mrs. Rahima	mrsrahima@yahoo.com	01822555883	Nephrologists	Female	600TK	6PM - 9PM	Banani,Dhaka.

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Fig: Receptionist keeps all the information about each Doctor.



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Logged in as Doctor|| Arnab Saha

Account

[Dashboard](#)

[View Profile](#)

[Edit Profile](#)

[Change Profile Picture](#)

[Change Password](#)

[Prescription for patient](#)

[Patient Info For Doctor](#)

[Logout](#)

Patient Info for Doctor

Patient Id	Patient Name	Patient Email	Patient Mobile No	Gender	Date of Birth	Address	Doctor name	Doctor Id
01	Mr.Karim	karim@gmail.com	01736464647	Male	20-11-1999	Uttara,Dhaka,1200.	Arnab Saha	112525
01	Mr.Karim	karim@gmail.com	01736464647	Male	20-11-1999	Uttara,Dhaka,1200.	Arnab Saha	112525
01	Mr.Karim	karim@gmail.com	01736464647	Male	20-11-1999	Uttara,Dhaka,1200.	Arnab Saha	112525
01	Mr.Karim	karim@gmail.com	01736464647	Male	20-11-1999	Uttara,Dhaka,1200.	Arnab Saha	112525

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Fig: Doctor can able to see the appointment list where patient info is listed for the dedicated Doctor.



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Logged in as Doctor|| Arnab Saha

Account

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[Prescription for patient](#)

[Patient Info For Doctor](#)

[Logout](#)

Prescription

Prescribe Date:

Doctor Name:

Doctor Id:

Patient Name:

Patient Id:

Test:

Medicine:

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Fig: Doctor can prescribed some medicine and test for the Patient.



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[Home](#) [Login](#) [Registration](#)

REGISTRATION FOR DOCTORS

Name : *

Email : *

User name : *

Password : *

Confirm Password : *

Gender

☐ Male ☐ Female ☐ Other *

Date of Birthday

*

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Fig: This is the registration page for Doctor.



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[Home](#) [Login](#) [Registration](#)

PATIENT LOGIN

User name : *

Password : *

☐ Remember Me

[Forgot Password?](#)

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Fig: This is the Log In page for Patient.



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Logged in as Patient||Anketa Chowdhury

Account

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[View Profile](#)

[Edit Profile](#)

[Change Profile Picture](#)

[Change Password](#)

[Patient Payment](#)

[My Prescription](#)

[Logout](#)

My Prescription

Prescribe Date:

Doctor Name:

Doctor Id:

Test:

Medicine:

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Fig: Patient can able to see the prescription which was suggest by doctor.



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Logged in as Patient||Anketa Chowdhury

Account

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[Change Password](#)

[Patient Payment](#)

[My Prescription](#)

[Logout](#)

Patient Payment

Prescribe Date:

Patient Name:

Patient Id:

Doctor Name:

Doctor Id:

Appointment Serial:

Doctor Fee:

Payment Date:

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Fig: Patient can make payment his/her to the receptionist through this page.



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Logged in as Doctor|| Arnab Saha

Account

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[View Profile](#)

[Edit Profile](#)

[Change Profile Picture](#)

[Change Password](#)

[Prescription for patient](#)

[Patient Info For Doctor](#)

[Logout](#)

CHANGE PASSWORD

Current Password :

New Password :

Retype New Password :

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Fig: Every user can change their password through this page.

A screenshot of a web browser showing the 'Edit profile' page. The browser's address bar shows 'localhost/Project/editProfile.php'. The page header includes the 'MODERN MEDICAL' logo and the text 'Logged in as Receptionist||Abdullah Al Amin||' followed by links: 'Home Doctor Patient View Profile Logout'. The main content area contains a form titled 'EDIT PROFILE' with fields for Name, Email, Mobile Number, Address, Shift, Gender, and Date of Birthday, each with a 'Submit' button at the bottom.

EDIT PROFILE

Name :

Email :

Mobile Number :

Address :

Shift : ☒ Day ☐ Night

Gender : ☒ Male ☐ Female ☐ Other

Date of Birthday :

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Fig: Every user can edit their profile through this page.



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Impact of this Project:

The main purpose of this project is to provide people with better services and treatments regardless of the situation and the distance between patients and hospital. In regular life, we face various problems attending hospital in big cities and use valuable time in waiting room of the hospital. We can avoid all this using this project, as people can consult with their doctors online. Also, in this pandemic time people can maintain social distance and healthy life by consulting with their doctors online. As a result, all severe patient can attend proper treatment in the hospital. Which is very effective in modern society.

Limitations and Possible Future Improvements:

We haven't clarified the verification process and also there are few improvements that can be done to improve the system. We can also add some features to make the system easier to use.

For verification purpose we can add NID confirmation and education qualification for the employees. We can add emergency sector and home treatment service for severe patients.

[Note: Make sure that your report is maximum 10 pages (including cover page). Print (Colored) the report and submit it with spiral bind.]

CO1.1 and CO2.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

