

Department of Computer Science

Updated Project report, Spring 2019-20

Cours e	OBJECT ORIENTED PROGRAMMING 2	Group	Jaalbondi
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Group Members:

Student ID	Name	Section
18-36899-1	Tahmidul Islam	M
18-36875-1	Farjana Khatun	M
18-36907-1	Marjana Akhter Jenia	M

Project Title:

Doctor Appointment management system

Project Description:

Admin

- **Log In**
- **Add Doctor**
- **See Appointment**
- **See User list**
- **See Doctor List**
- **Update and Delete Doctor Information**
- **See Doctor Feedback**
- **Delete user Information**

User/Patient

- **Can register**
- **Log In**
- **See Doctor List**
- **Set Appointment**
- **Give feedback**
- **See User Details [New Feature]**
- **Can get Forgotten Password [New Feature]**

Doctor

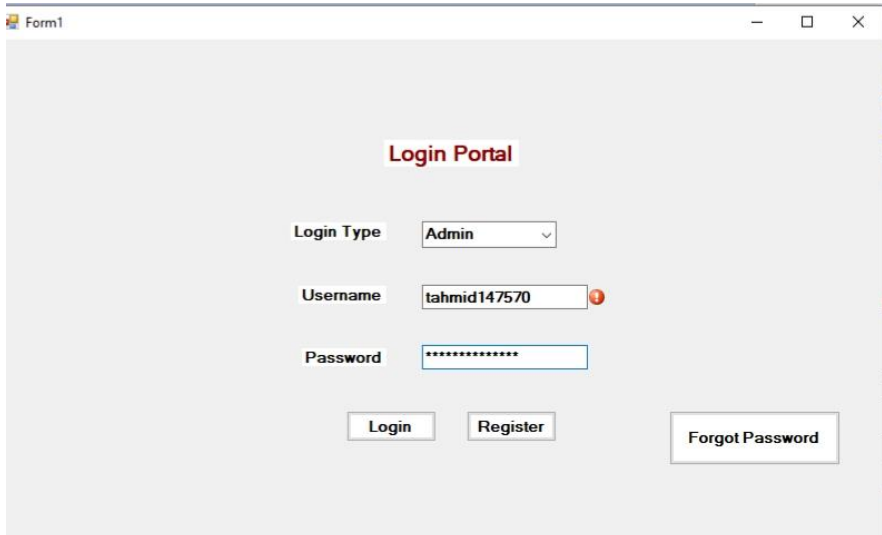
- **See appointment list**
- **See User Details [New Feature]**
- **Can get Forgotten Password [New Feature]**

User Stories :

Use Feature Name	Actor	Feature Story
Log In	User/Patient	As a user of the system, I want to sign-in to the system to access the features of the system.
Register	User/Patient	Those who are not current user can register as a user
See Doctor List	User/Patient and Admin	Can see doctor List
Set appointment	User/Patient	User can set Appointment with doctor.
Give feedback	User/Patient	User can give feedback about their experience with the doctor.
Log In	Admin	Can Log In as Admin

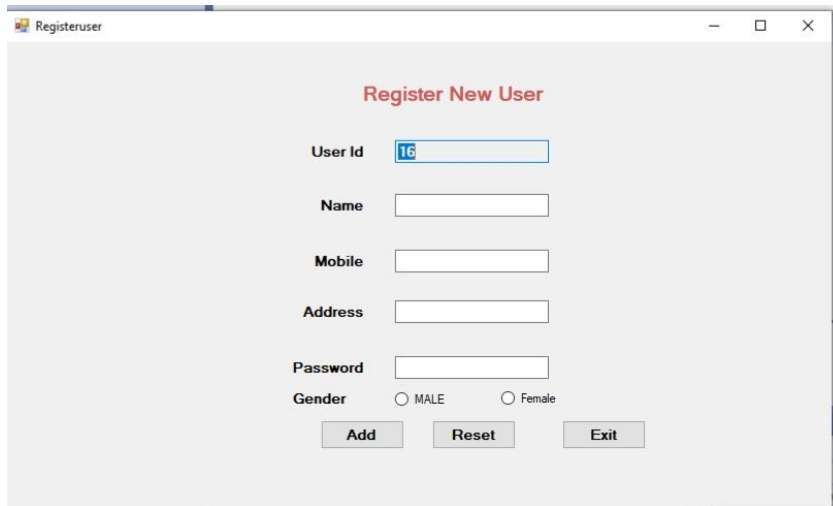
See user list	Admin	Can see user list
Update and Delete Doctor Information	Admin	Update or change or Delete Doctor Information
See Doctor Feedback	Admin	Can see doctor's feedback given by user/patient.
Delete User	Admin	Can delete any inappropriate User
Exit	All users	Any user can exit from their respective home page.
See appointment list	Doctor	Can see their appointments with patient.

Windows Forms:



The screenshot displays a Windows Forms application window titled "Form1". Inside the window, there is a "Login Portal" section. It features a "Login Type" dropdown menu currently set to "Admin". Below this is a "Username" text box containing the text "tahmid147570", which has a small red error icon to its right. Underneath the username is a "Password" text box filled with asterisks. At the bottom of the login section, there are three buttons: "Login", "Register", and "Forgot Password".

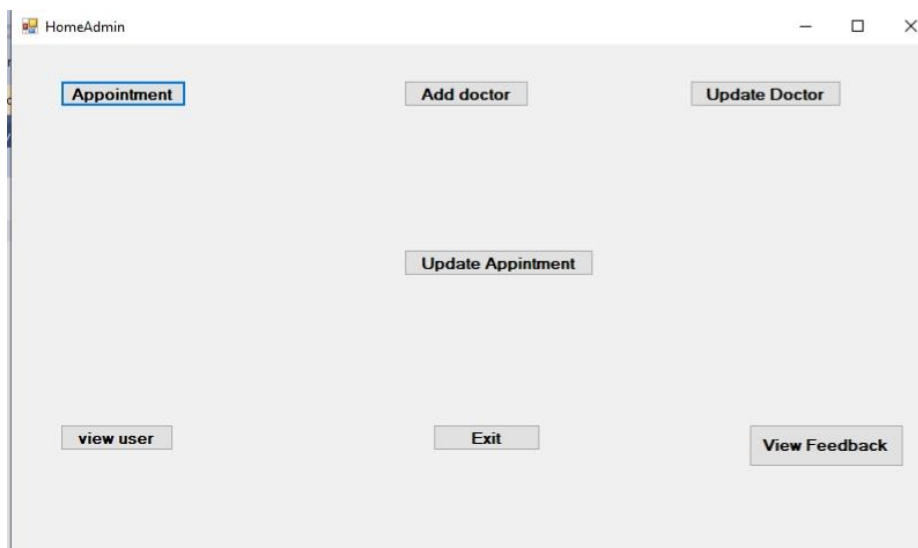
Fig 1: Log In Form



The image shows a web browser window titled "Registeruser". Inside the window, there is a form titled "Register New User" in red text. The form contains the following fields and controls:

- User Id**: A text input field with the value "16" entered.
- Name**: A text input field.
- Mobile**: A text input field.
- Address**: A text input field.
- Password**: A text input field.
- Gender**: Two radio button options, "MALE" and "Female".
- Buttons**: Three buttons at the bottom: "Add", "Reset", and "Exit".

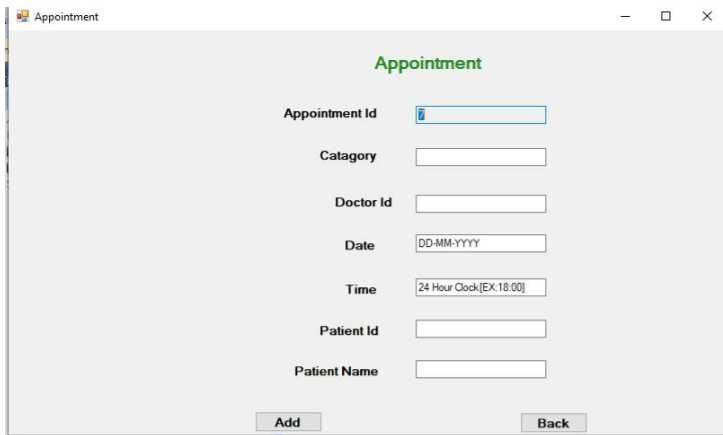
Fig 2: Register User Form



The image shows a web browser window titled "HomeAdmin". Inside the window, there is a dashboard with several buttons arranged in a grid:

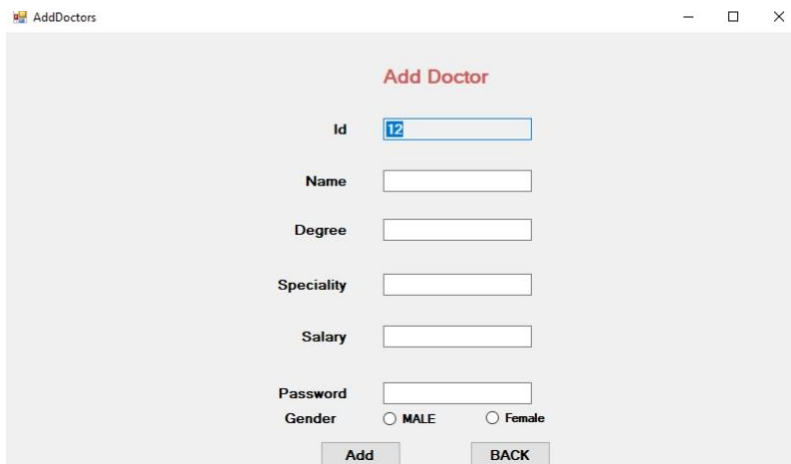
- Appointment**: A button with a blue border, located in the top left.
- Add doctor**: A button located in the top middle.
- Update Doctor**: A button located in the top right.
- Update Appintment**: A button located in the center.
- view user**: A button located in the bottom left.
- Exit**: A button located in the bottom middle.
- View Feedback**: A button located in the bottom right.

Fig 3: Admin Home Page



The image shows a web application window titled "Appointment". It contains a form with the following fields: "Appointment Id" (text input with value 6), "Category" (text input), "Doctor Id" (text input), "Date" (text input with placeholder DD-MM-YYYY), "Time" (text input with placeholder 24 Hour Clock[EX:18:00]), "Patient Id" (text input), and "Patient Name" (text input). At the bottom, there are two buttons: "Add" and "Back".

Fig 4: Appointment Page(For Admin)



The image shows a web application window titled "AddDoctors". It contains a form with the following fields: "Id" (text input with value 12), "Name" (text input), "Degree" (text input), "Speciality" (text input), "Salary" (text input), "Password" (text input), and "Gender" (radio buttons for MALE and Female). At the bottom, there are two buttons: "Add" and "BACK".

Fig 5: Add doctor Page

Update Doctor

Enter Id

Name

Degree

Speciality

Salary

Password

Id	name	degree	speciality	salary	pass
1	Dr. Abid	MBBS	Heart Specialist	70000	12345
2	Dr. Asad	MBBS & BCS HE...	Allergists/Immuno...	60000	5434321
3	Fahmida Jahan	MBBS	Cardiologist	60000	86784
4	Tonima Jahan	MBBS	Dermatologist	60000	9876543
5	Dipto Hasan	MBBS	Endocrinologist	60000	787980
6	Sakir Ahmed	MBBS	Colon and Rectal...	60000	989786756
7	Afroz Nur	MBBS	Medicine Specialist	60000	987675
8	Nadia Rolna	MBBS	Neurologist	60000	97676879

Fig 6: Update Doctor(Admin can search,delete,update list)

View User

Enter User Id

Id	name	mobile	addr	pass
5	Rafi	01323235	Uttara	54321
6	Shanto	014567878	Brahmanbaria	tomodell
7	Farjana	012356644	Dinapur	54321
8	Marjana	0123456	Akhawra	44444
9	Rabby	013536677	Badda	87654
10	Shimu	012435464	Khilkhet	8723733
11	Tonny	0123456789	Sylhet	998675
12	Munni	01234345654	Chittagong	535423
13	Sohan	0113446576	Gonabon	17374544

Fig 6: View User(View List,Search and Delete)

View Feedback

	Id	name	feedback
▶	1	Shums Khadem	Good Doctor
*			

Fig 7: View Feedback(Only admin can access)

Update Appointment

Appointment Id

Category

Doctor Id

Date

Time

Patient Id

Patient Name

	Id	cate	did	date	time	p_id	p_name
▶	3	Heart Problem	3	24-5-2020	16:00	5	Rafi
	4	Timely Visit	3	11-06-2020	14:00	5	Rafi
	5	Timely Visit	4	24-05-2020	13:00	6	Shanto
	6	Timely Visit	4	11-06-2020	16:00	6	Shanto
*							

Fig 8: Update Appointment Page(Search,Update,Delete List)

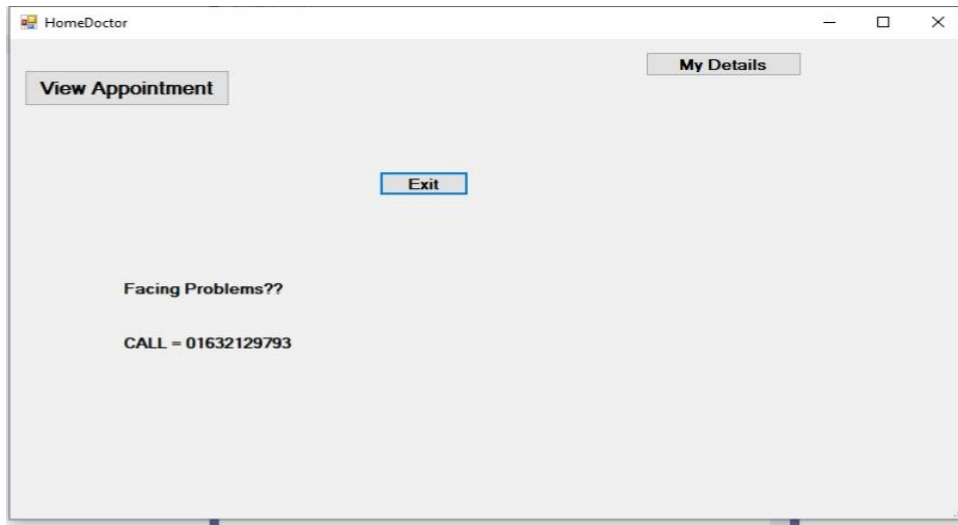


Fig 9: Doctor Home Page

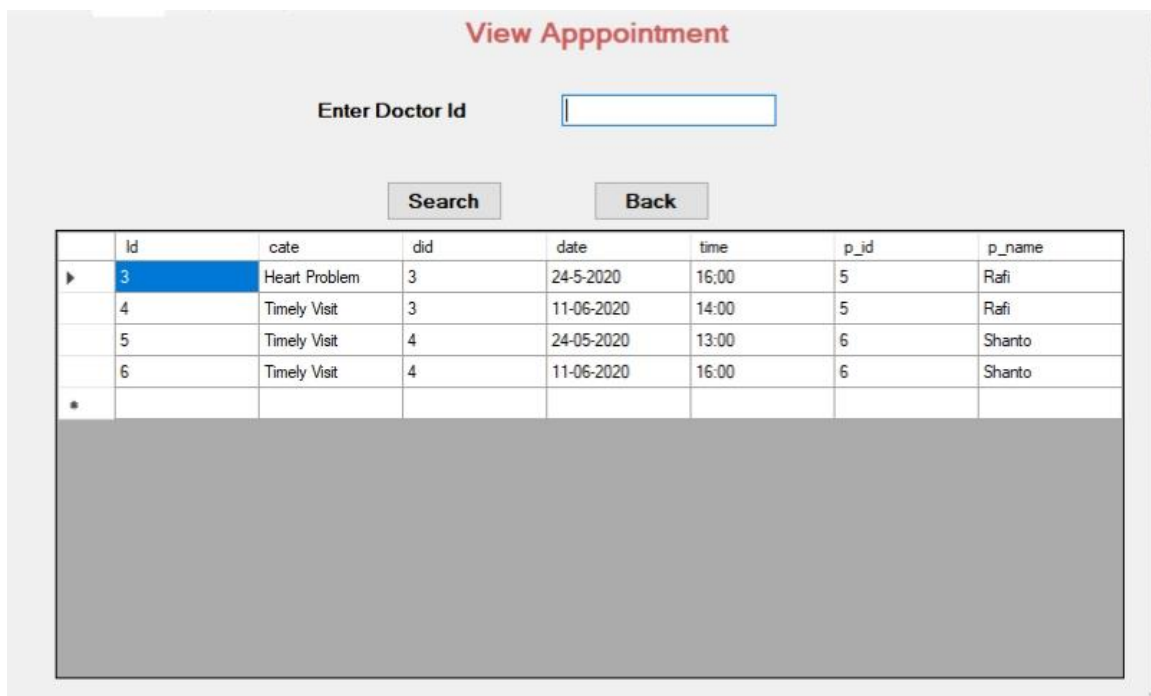


Fig 10: View Appointment (For Doctor)

The image shows a screenshot of a web application running in a debugger. The window title is 'MyDetails'. The page has a light gray background and a red heading 'View User Details'. Below the heading, there are five labels with corresponding input fields: 'User ID' (with the value '0'), 'Name', 'Mobile', 'Address', and 'Password'. At the bottom of the form, there are three buttons: 'View' (highlighted with a blue border), 'Reset', and 'Back'.

View User Details

User ID

Name

Mobile

Address

Password

Fig 11:User Details(For Doctor and Patients)

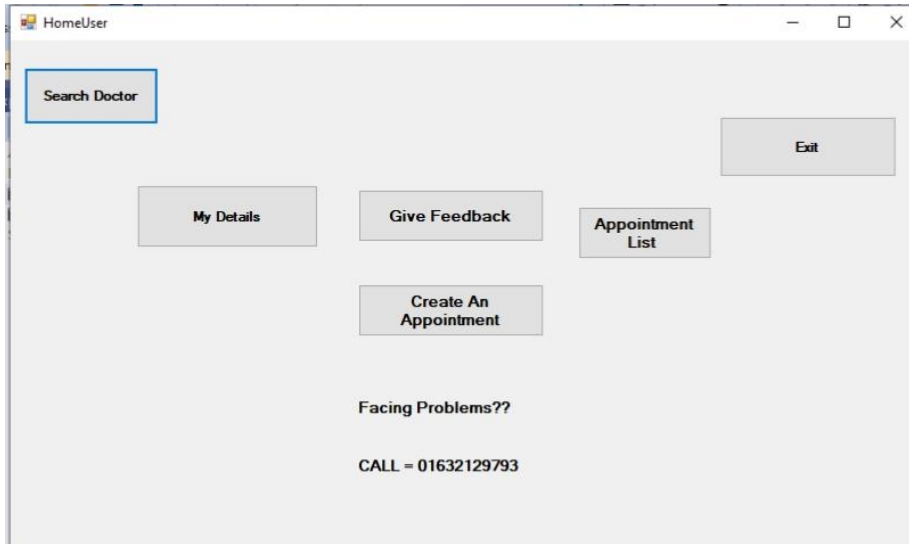


Fig 12: User/Patient Home Page

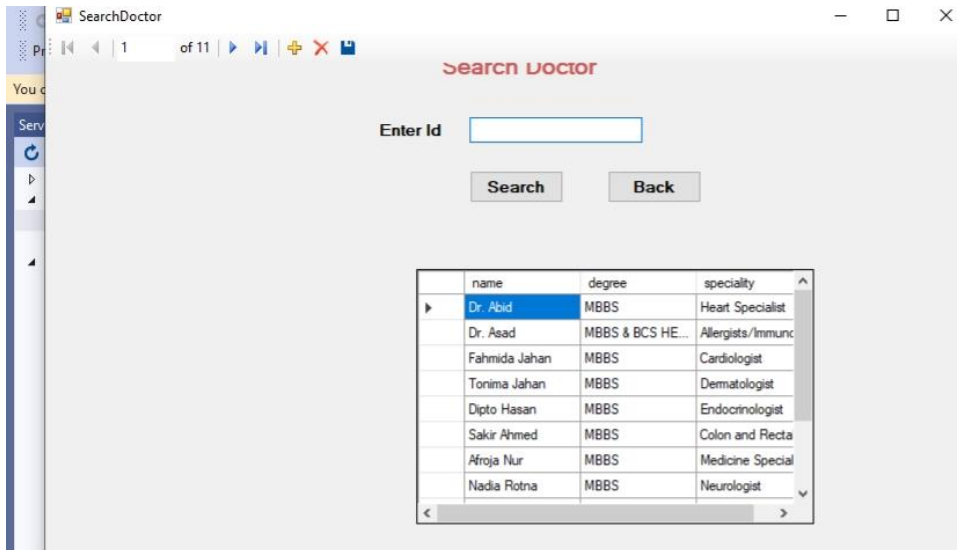


Fig 13: Search Doctor Page

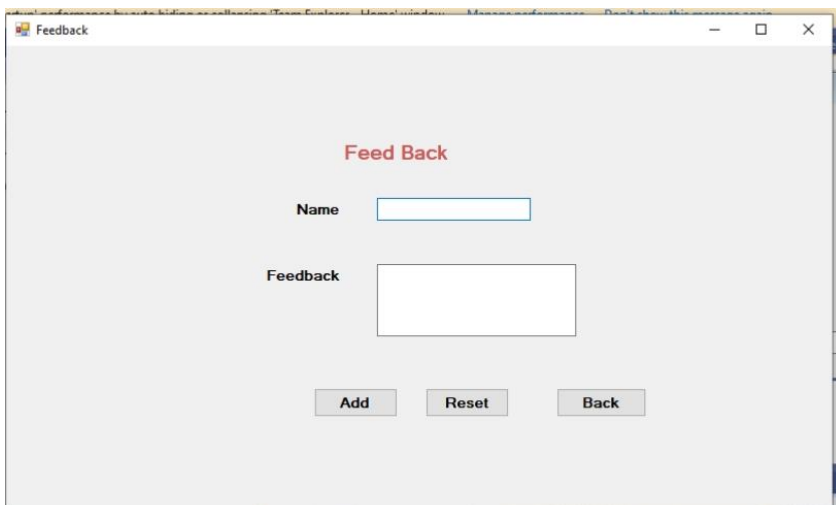


Fig 14: Give Feedback about doctor page(For patient)

ViewAppointment

view Appointment

Enter Patient/User Id

	id	cate	did	date	time	p_id	p_name
▶	3	Heart Problem	3	24-5-2020	16:00	5	Rafi
	4	Timely Visit	3	11-06-2020	14:00	5	Rafi
	5	Timely Visit	4	24-05-2020	13:00	6	Shanto
	6	Timely Visit	4	11-06-2020	16:00	6	Shanto
*							

Fig 15: View Appointment Page(For Patients/Users)

Appointment

Appointment

Appointment Id

Category

Doctor Id

Date

Time

Patient Id

Patient Name

Fig 17: Appointment Page(For patient/User)

GetPass

User Type

Username

Mobile/Speciality

Password

Fig 18: Password Retrieval Page(For Doctor and Patient)

Data Dictionary

Patient Data table:

Key	Name	Data Type	Length	Nullable
Primary	id	INTEGER	10	No
	name	VARCHAR	50	No
	Mobile	VARCHAR	50	NO
	Password	VARCHAR	50	No
	Address	VARCHAR	50	Yes

Doctor Data table:

Key	Name	Data Type	Length	Nullable
Primary	id	INTEGER	10	No
	name	VARCHAR	50	Yes
	Degree	VARCHAR	50	Yes
	Specialty	VARCHAR	50	Yes
	Password	VARCHAR	50	Yes
	Salary	VARCHAR	50	Yes

Appointment Data table:

Key	Name	Data Type	Length	Nullable
Primary	id	INTEGER	10	No
	Category	VARCHAR	50	No
	Doctor	VARCHAR	50	No
	Date	VARCHAR	50	No
	time	VARCHAR	50	No
	Patient id	VARCHAR	50	No
	Patient name	VARCHAR	50	No

Feedback Data Table:

Key	Name	Data Type	Length	Nullable
Primary	id	INTEGER	10	No
	name	VARCHAR	50	No
	Feedback	VARCHAR	50	No