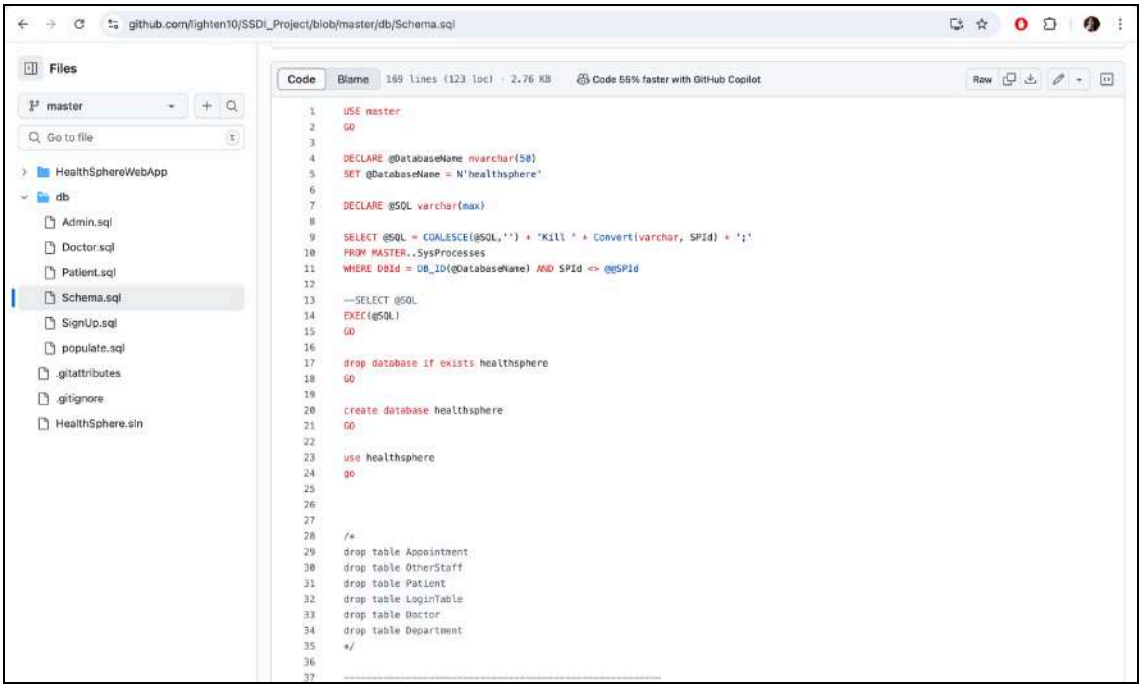
Health Sphere User Manual

Installation/Setup Instructions:

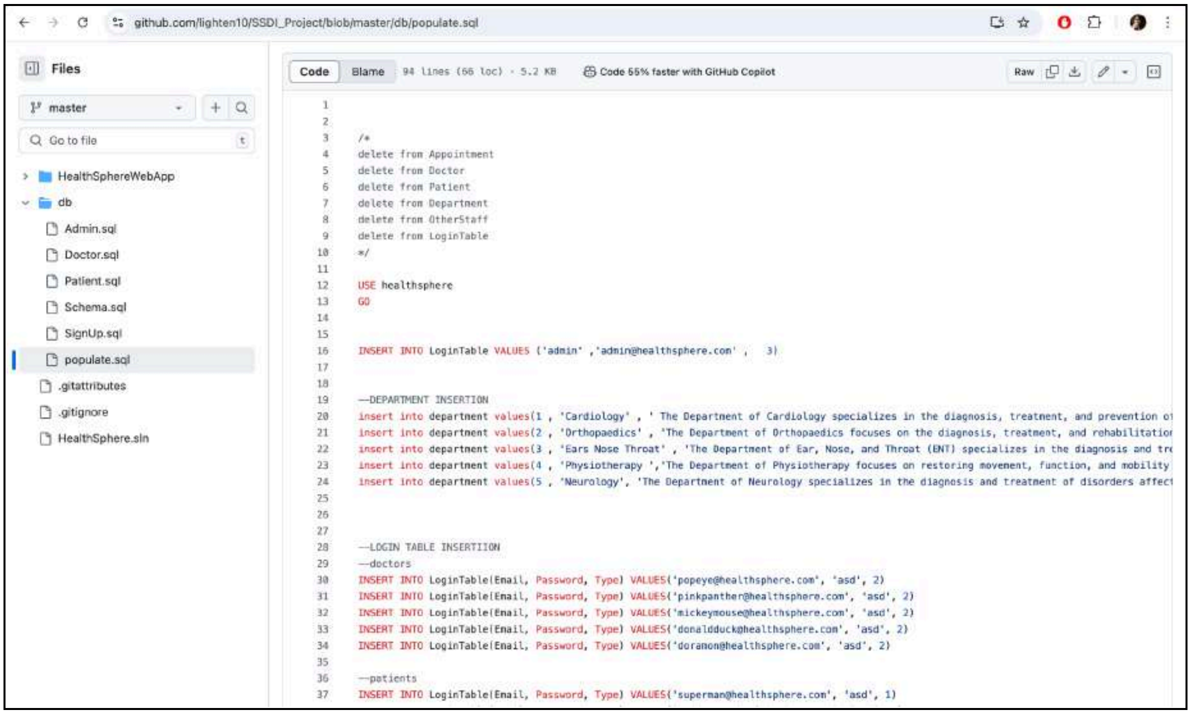
1. **Install the following prerequisites:**
   - Microsoft Visual Studio - Community edition
   - Microsoft SQL Server Express
   - Microsoft SQL Server Management Studio (SSMS)
2. **Connect to SQL Server:**
   - Open **SQL Server Management Studio**
   - In the *"Connect to Database Engine"* window, enter the following:
     - **Server Name:** .\SQL EXPRESS
     - **Authentication:** Windows Authentication
3. **Create the Database and Tables:**
   - Open the Schema.sql file and execute it. This will create the necessary database and table structures.



```sql
USE master
GO

DECLARE @DatabaseName nvarchar(50)
SET @DatabaseName = N'healthsphere'

DECLARE @SQL varchar(max)

SELECT @SQL = COALESCE(@SQL,'') + 'Kill ' + Convert(varchar, SPId) + ';'
FROM MASTER..SysProcesses
WHERE DBId = DB_ID(@DatabaseName) AND SPId <> @@SPId

--SELECT @SQL
EXEC(@SQL)
GO

drop database if exists healthsphere
GO

create database healthsphere
GO

use healthsphere
go



/*
drop table Appointment
drop table OtherStaff
drop table Patient
drop table LoginTable
drop table Doctor
drop table Department
*/

----------------------------------------------------------
```

- Then, execute the following SQL files in order:
  - Admin.sql
  - Doctor.sql
  - Patient.sql
  - Signup.sql

4. **Populate the Database:**
   - Run the populate.sql file to add sample data to the database.



```


/*
delete from Appointment
delete from Doctor
delete from Patient
delete from Department
delete from OtherStaff
delete from LoginTable
*/

USE healthsphere
GO


INSERT INTO LoginTable VALUES ('admin' ,'admin@healthsphere.com' ,   3)


--DEPARTMENT INSERTION
insert into department values(1 , 'Cardiology' , ' The Department of Cardiology specializes in the diagnosis, treatment, and prevention o
insert into department values(2 , 'Orthopaedics' , 'The Department of Orthopaedics focuses on the diagnosis, treatment, and rehabilitatio
insert into department values(3 , 'Ears Nose Throat' , 'The Department of Ear, Nose, and Throat (ENT) specializes in the diagnosis and tr
insert into department values(4 , 'Physiotherapy ','The Department of Physiotherapy focuses on restoring movement, function, and mobility
insert into department values(5 , 'Neurology', 'The Department of Neurology specializes in the diagnosis and treatment of disorders affec



--LOGIN TABLE INSERTIION
--doctors
INSERT INTO LoginTable(Email, Password, Type) VALUES('popeye@healthsphere.com', 'asd', 2)
INSERT INTO LoginTable(Email, Password, Type) VALUES('pinkpanther@healthsphere.com', 'asd', 2)
INSERT INTO LoginTable(Email, Password, Type) VALUES('mickeymouse@healthsphere.com', 'asd', 2)
INSERT INTO LoginTable(Email, Password, Type) VALUES('donaldduck@healthsphere.com', 'asd', 2)
INSERT INTO LoginTable(Email, Password, Type) VALUES('doranon@healthsphere.com', 'asd', 2)

--patients
INSERT INTO LoginTable(Email, Password, Type) VALUES('superman@healthsphere.com', 'asd', 1)
```

- This file also contains sample login credentials for doctors, patients, and an admin, which you can use to test the system's functionality.

5. **Run the Project:**

   - Open the Visual Studio solution file HealthSphere.sln.
   - Set SignUp.aspx as the startup page.
   - Click the **IIS Express** run button to launch the application.

Technical Specification of the Health Sphere project

🖥️ System Requirements

- Operating System: Windows 10 or later (64-bit)
- Processor: Intel Core i5 or equivalent (minimum)

💻 Software Requirements

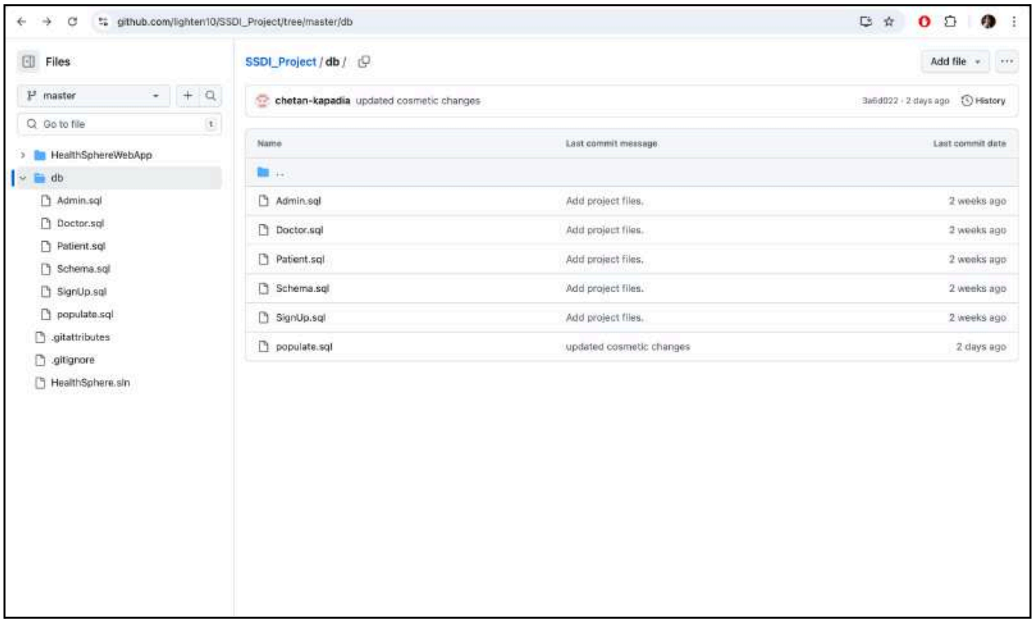
- Microsoft Visual Studio 2022 (or later)
  - Workload: ASP.NET and web development
- .NET Framework 4.7.2, Bootstrap(CSS, JS)
- Microsoft SQL Server Express 2019 (or later)
- SQL Server Management Studio (SSMS)

🔌 Dependencies

- IIS Express (automatically included with Visual Studio)
- ASP.NET Web Forms
- SQL Server LocalDB or SQL Express instance
- Browsers: Google Chrome, Microsoft Edge (latest versions recommended)

🗃️ Project Structure

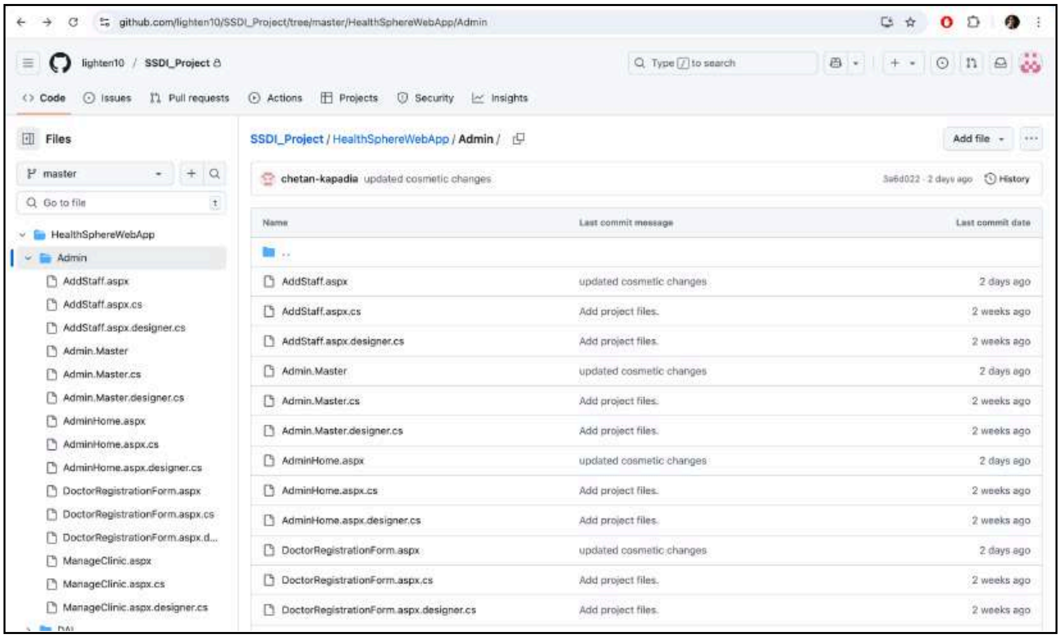
- Database Files - Admin.sql, Doctor.sql, Patient.sql, Schema.sql, SignUp.sql, Populate.sql



chetan-kapadia updated cosmetic changes 3a6d022 · 2 days ago

Name	Last commit message	Last commit date
..		
Admin.sql	Add project files.	2 weeks ago
Doctor.sql	Add project files.	2 weeks ago
Patient.sql	Add project files.	2 weeks ago
Schema.sql	Add project files.	2 weeks ago
SignUp.sql	Add project files.	2 weeks ago
populate.sql	updated cosmetic changes	2 days ago

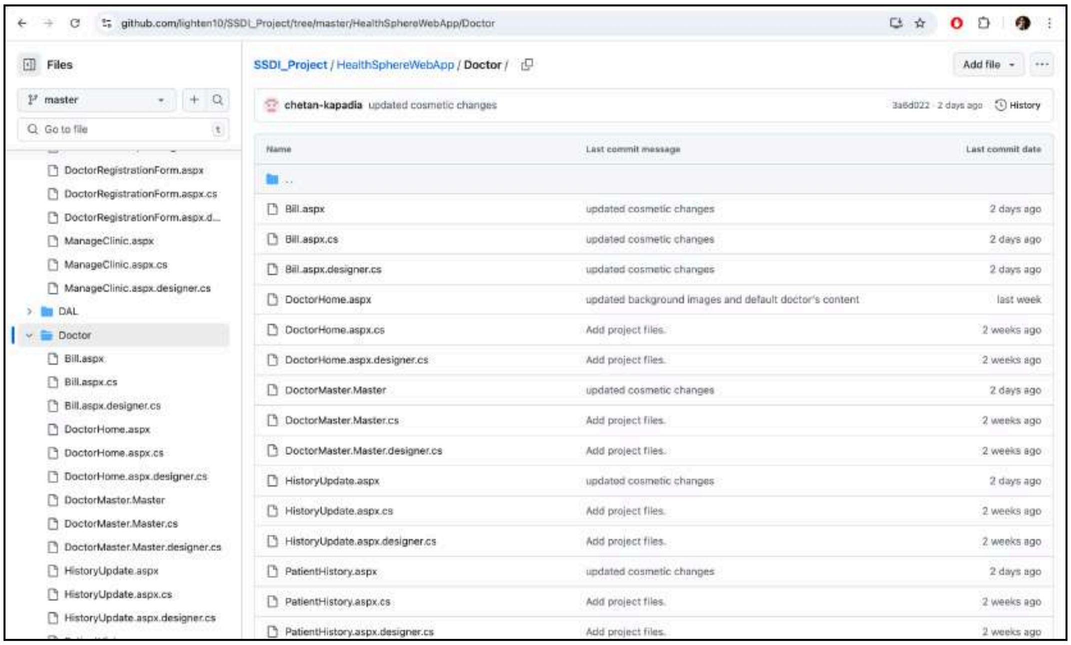
- Health Sphere Web App - 3 distinct roles (Admin’s role, Doctor’s role, and Patient’s role)



SSDI_Project / HealthSphereWebApp / Admin /

chetan-kapadia updated cosmetic changes 3a6d022 · 2 days ago

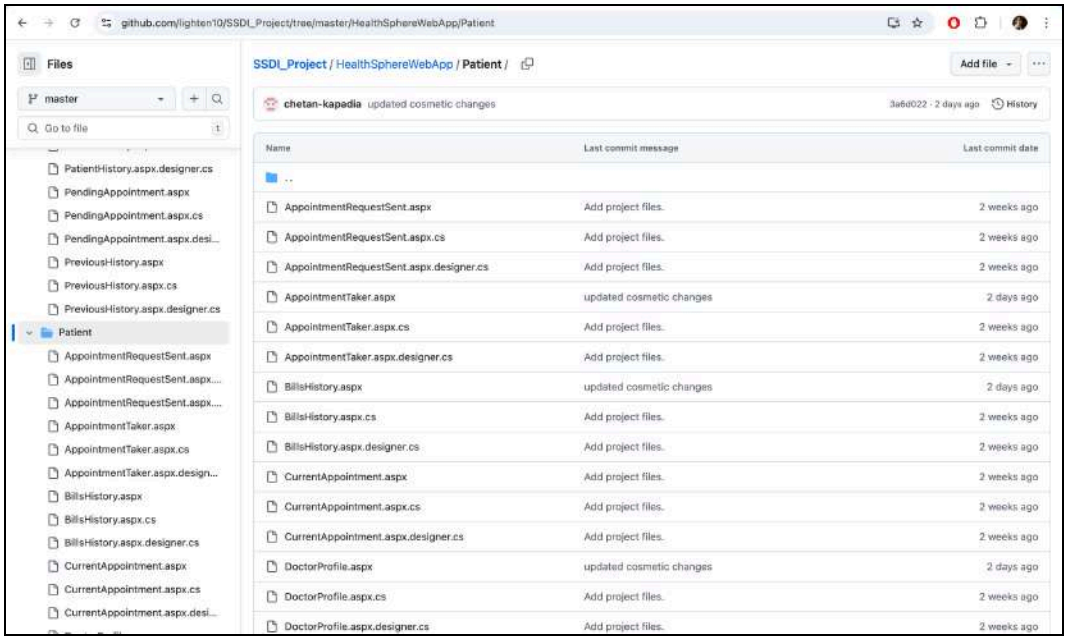
Name	Last commit message	Last commit date
..		
AddStaff.aspx	updated cosmetic changes	2 days ago
AddStaff.aspx.cs	Add project files.	2 weeks ago
AddStaff.aspx.designer.cs	Add project files.	2 weeks ago
Admin.Master	updated cosmetic changes	2 days ago
Admin.Master.cs	Add project files.	2 weeks ago
Admin.Master.designer.cs	Add project files.	2 weeks ago
AdminHome.aspx	updated cosmetic changes	2 days ago
AdminHome.aspx.cs	Add project files.	2 weeks ago
AdminHome.aspx.designer.cs	Add project files.	2 weeks ago
DoctorRegistrationForm.aspx	updated cosmetic changes	2 days ago
DoctorRegistrationForm.aspx.cs	Add project files.	2 weeks ago
DoctorRegistrationForm.aspx.designer.cs	Add project files.	2 weeks ago


github.com/lighten10/SSDI_Project/tree/master/HealthSphereWebApp/Doctor
Files
master
Go to file
DoctorRegistrationForm.aspx
DoctorRegistrationForm.aspx.cs
DoctorRegistrationForm.aspx.d...
ManageClinic.aspx
ManageClinic.aspx.cs
ManageClinic.aspx.designer.cs
DAL
Doctor
Bill.aspx
Bill.aspx.cs
Bill.aspx.designer.cs
DoctorHome.aspx
DoctorHome.aspx.cs
DoctorHome.aspx.designer.cs
DoctorMaster.Master
DoctorMaster.Master.cs
DoctorMaster.Master.designer.cs
HistoryUpdate.aspx
HistoryUpdate.aspx.cs
HistoryUpdate.aspx.designer.cs
Add file
History

SSDI_Project / HealthSphereWebApp / Doctor /

chetan-kapadia updated cosmetic changes 3a6d022 · 2 days ago

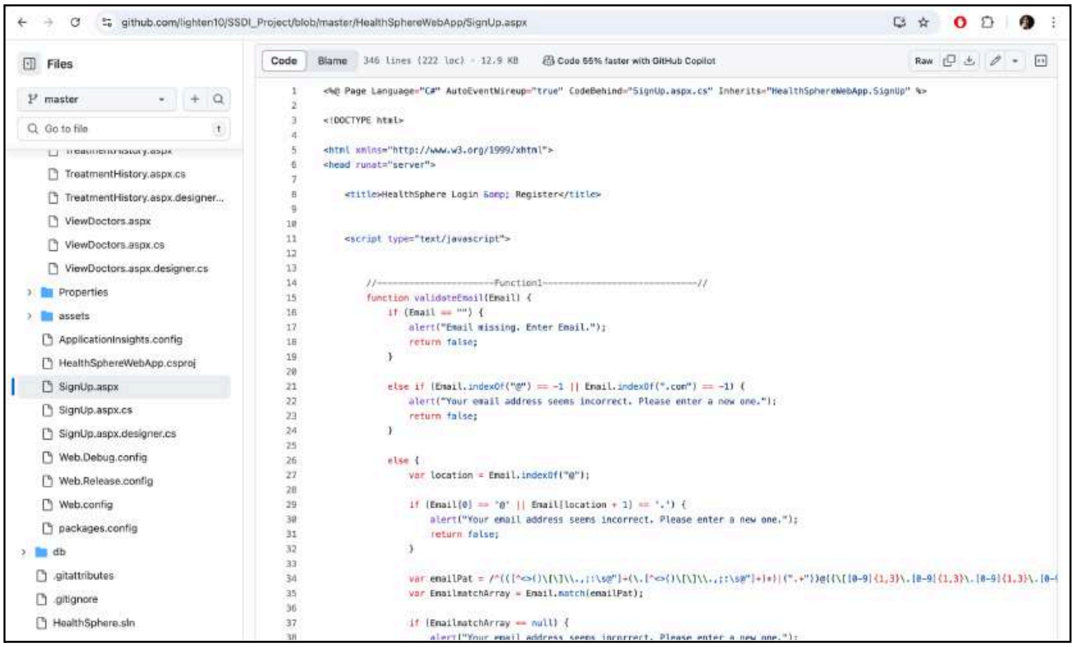
Name	Last commit message	Last commit date
..		
Bill.aspx	updated cosmetic changes	2 days ago
Bill.aspx.cs	updated cosmetic changes	2 days ago
Bill.aspx.designer.cs	updated cosmetic changes	2 days ago
DoctorHome.aspx	updated background images and default doctor's content	last week
DoctorHome.aspx.cs	Add project files.	2 weeks ago
DoctorHome.aspx.designer.cs	Add project files.	2 weeks ago
DoctorMaster.Master	updated cosmetic changes	2 days ago
DoctorMaster.Master.cs	Add project files.	2 weeks ago
DoctorMaster.Master.designer.cs	Add project files.	2 weeks ago
HistoryUpdate.aspx	updated cosmetic changes	2 days ago
HistoryUpdate.aspx.cs	Add project files.	2 weeks ago
HistoryUpdate.aspx.designer.cs	Add project files.	2 weeks ago
PatientHistory.aspx	updated cosmetic changes	2 days ago
PatientHistory.aspx.cs	Add project files.	2 weeks ago
PatientHistory.aspx.designer.cs	Add project files.	2 weeks ago


github.com/lighten10/SSDI_Project/tree/master/HealthSphereWebApp/Patient
Files
master
Go to file
PatientHistory.aspx.designer.cs
PendingAppointment.aspx
PendingAppointment.aspx.cs
PendingAppointment.aspx.desi...
PreviousHistory.aspx
PreviousHistory.aspx.cs
PreviousHistory.aspx.designer.cs
Patient
AppointmentRequestSent.aspx
AppointmentRequestSent.aspx....
AppointmentRequestSent.aspx....
AppointmentTaker.aspx
AppointmentTaker.aspx.cs
AppointmentTaker.aspx.design...
BillsHistory.aspx
BillsHistory.aspx.cs
BillsHistory.aspx.designer.cs
CurrentAppointment.aspx
CurrentAppointment.aspx.cs
CurrentAppointment.aspx.desi...
SSDI_Project / HealthSphereWebApp / Patient /
Add file
History

chetan-kapadia updated cosmetic changes 3a6d022 · 2 days ago

Name	Last commit message	Last commit date
..		
AppointmentRequestSent.aspx	Add project files.	2 weeks ago
AppointmentRequestSent.aspx.cs	Add project files.	2 weeks ago
AppointmentRequestSent.aspx.designer.cs	Add project files.	2 weeks ago
AppointmentTaker.aspx	updated cosmetic changes	2 days ago
AppointmentTaker.aspx.cs	Add project files.	2 weeks ago
AppointmentTaker.aspx.designer.cs	Add project files.	2 weeks ago
BillsHistory.aspx	updated cosmetic changes	2 days ago
BillsHistory.aspx.cs	Add project files.	2 weeks ago
BillsHistory.aspx.designer.cs	Add project files.	2 weeks ago
CurrentAppointment.aspx	Add project files.	2 weeks ago
CurrentAppointment.aspx.cs	Add project files.	2 weeks ago
CurrentAppointment.aspx.designer.cs	Add project files.	2 weeks ago
DoctorProfile.aspx	updated cosmetic changes	2 days ago
DoctorProfile.aspx.cs	Add project files.	2 weeks ago
DoctorProfile.aspx.designer.cs	Add project files.	2 weeks ago

- The application starts from SignUp.aspx.



346 lines (222 loc) · 12.9 KB

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="SignUp.aspx.cs" Inherits="HealthSphereWebApp.SignUp" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">

    <title>HealthSphere Login &amp; Register</title>


    <script type="text/javascript">


        //------------------------Function1-----------------------------//
        function validateEmail(Email) {
            if (Email == "") {
                alert("Email missing. Enter Email.");
                return false;
            }

            else if (Email.indexOf("@") == -1 || Email.indexOf(".com") == -1) {
                alert("Your email address seems incorrect. Please enter a new one.");
                return false;
            }

            else {
                var location = Email.indexOf("@");

                if (Email[0] == '@' || Email[location + 1] == '.') {
                    alert("Your email address seems incorrect. Please enter a new one.");
                    return false;
                }

                var emailPat = /^(([^<>()\[\]\\.,;:\s@"]+(\.[^<>()\[\]\\.,;:\s@"]+)*)|(".+"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-
                var EmailmatchArray = Email.match(emailPat);

                if (EmailmatchArray == null) {
                    alert("Your email address seems incorrect. Please enter a new one.");
```

🔑 Sample Login Credentials (Test Users)

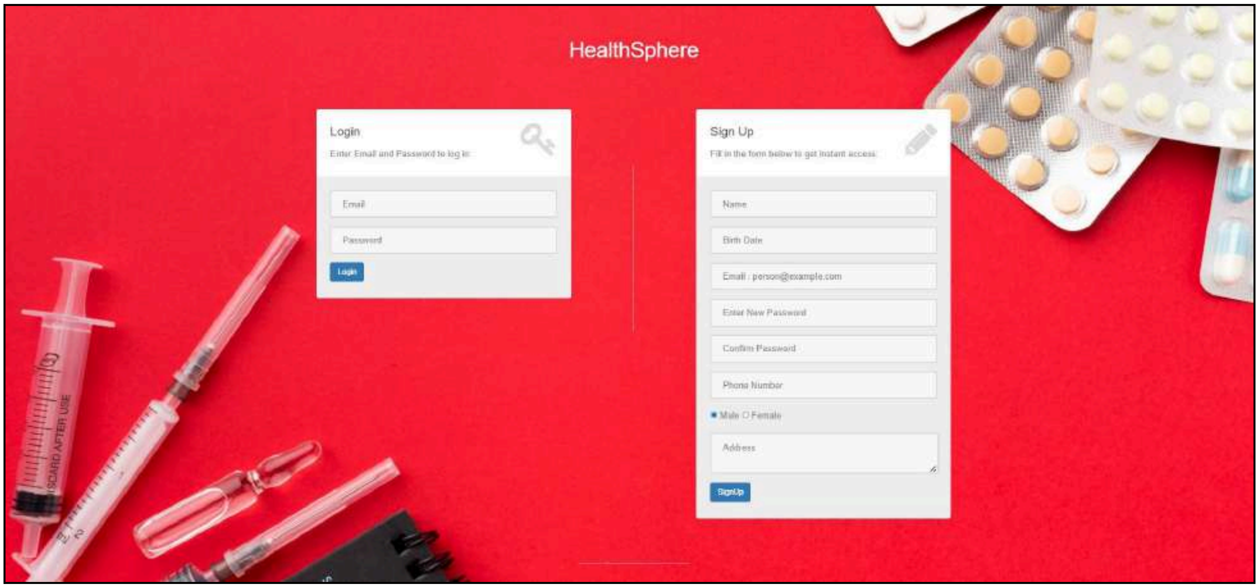
These are located in populate.sql, including credentials for:

- **Admin**
- **Doctors**
- **Patients**

These can be used to test role-based functionalities such as login, dashboard access, and other features.

🚀 Running the Application

- Open HealthSphereWebApp in Visual Studio.
- Set **SignUp.aspx** as the startup page.



HealthSphere

Login

Enter Email and Password to log in

Sign Up

Fill in the form below to get instant access

- Click the **IIS Express** (Run) button.
- The application will launch in your default browser.

Main Features of the System

Health Sphere is an integrated digital healthcare management system developed to improve communication and coordination among patients, healthcare providers, and administrative personnel. The platform offers a secure and user-friendly interface that supports efficient user management, seamless appointment scheduling, and comprehensive access to medical history and billing information. By centralizing these essential healthcare functions, Health Sphere enhances the overall quality of care, simplifies administrative tasks, and contributes to more effective and streamlined healthcare delivery.

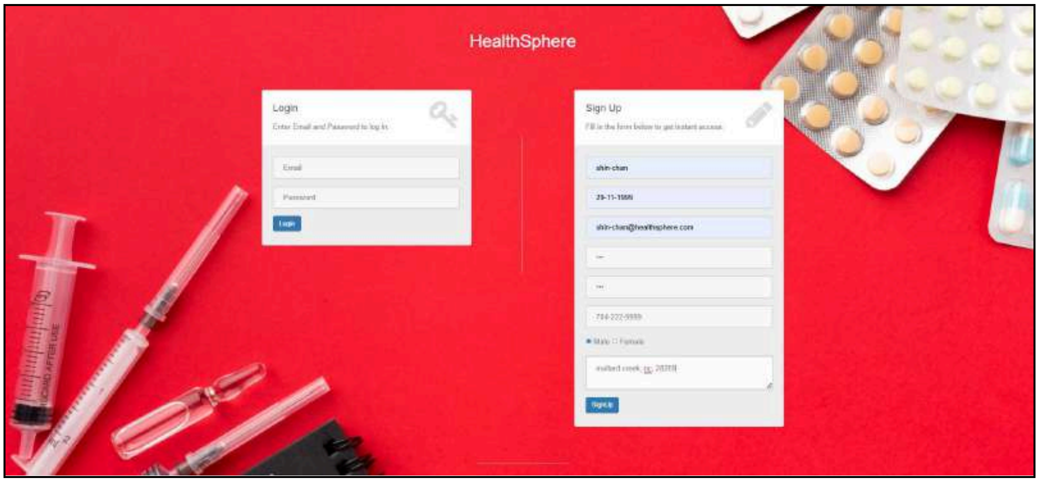
The **patient portal** offers a range of features designed to enhance user experience and streamline medical interactions. Upon logging in, patients can access the *Patient Home*, which displays their personal profile. In the *Current Appointment* section, patients can check for any pending or approved appointments with doctors. The *Bills History* tab provides a record of bills related to completed appointments, while the *Treatment History* section allows patients to view detailed information about past treatments. To schedule a new visit, patients can navigate to the *Take Appointment* section, where they can browse all available departments, select a specific department to view the associated doctors, and then choose a doctor to view their profile. From there, they can click the "Take Appointment" button to see the doctor's available time slots, select a preferred slot, and send a request to the doctor, who can then approve or reject the appointment. Notifications regarding the status of appointment requests are displayed under the *Notifications* tab. After a consultation is completed, patients are encouraged to provide feedback by rating their experience from 1 to 5 in the *Feedback* section. Importantly, the system allows patients to request only one appointment at a time; additional appointments cannot be scheduled until the current one has been completed.

The **doctor's portal** is designed to facilitate efficient management of appointments and patient records. Through the *Doctor Profile* section, doctors can view their personal and professional information. In the *Pending Appointments* tab, they can access a list of all appointment requests awaiting their approval, filtered by their doctor ID. The *Today's Appointments* section displays all appointments scheduled for the current day, allowing the doctor to either accept or reject each appointment as needed. After a consultation, the *History Update* feature enables the doctor to record key details such as prescriptions, diagnosed diseases, and the patient's progress. Following this, the doctor can use the *Generate Bill* section to create and issue the bill for the completed appointment. Additionally, the *Patient History* tab provides access to the full treatment history of all patients the doctor has previously treated, ensuring continuity of care and easy reference.

The **admin portal** provides a comprehensive interface for managing HealthSphere operations and overseeing all registered users. On the *Admin Home* page, the administrator can view key health center statistics, including the number of weekly appointments, overall income of the health center, the total number of registered patients and doctors, as well as a list of all medical departments. The *View Doctors* section displays a list of all currently registered doctors along with their associated departments and other relevant details; clicking on a doctor's name reveals their full profile. Similarly, the *View Patients* tab allows the admin to browse through the list of registered patients, including their phone numbers and IDs, with full profile access upon selection. The *View Other Staff* section lists all non-medical personnel along with their respective designations. To streamline navigation, a *Search Box* is available, enabling the admin to quickly locate any employee by name. Additionally, the *Add/Remove* feature allows the admin to manage Health Center personnel by adding or removing doctors, patients, or staff members as needed.

Walkthrough for the main scenarios

- To access Health Sphere, the first page is the **HealthSphere signUp page** as shown below. Doctors, Patients or Administrative personnel can use this page accordingly for either sign up or login to HealthSphere.



HealthSphere

Login

Enter Email and Password to log in.

Email

Password

Login

Sign Up

Fill in the form below to get instant access.

shin-chan

29-11-1999

shin-chan@healthsphere.com

•••

•••

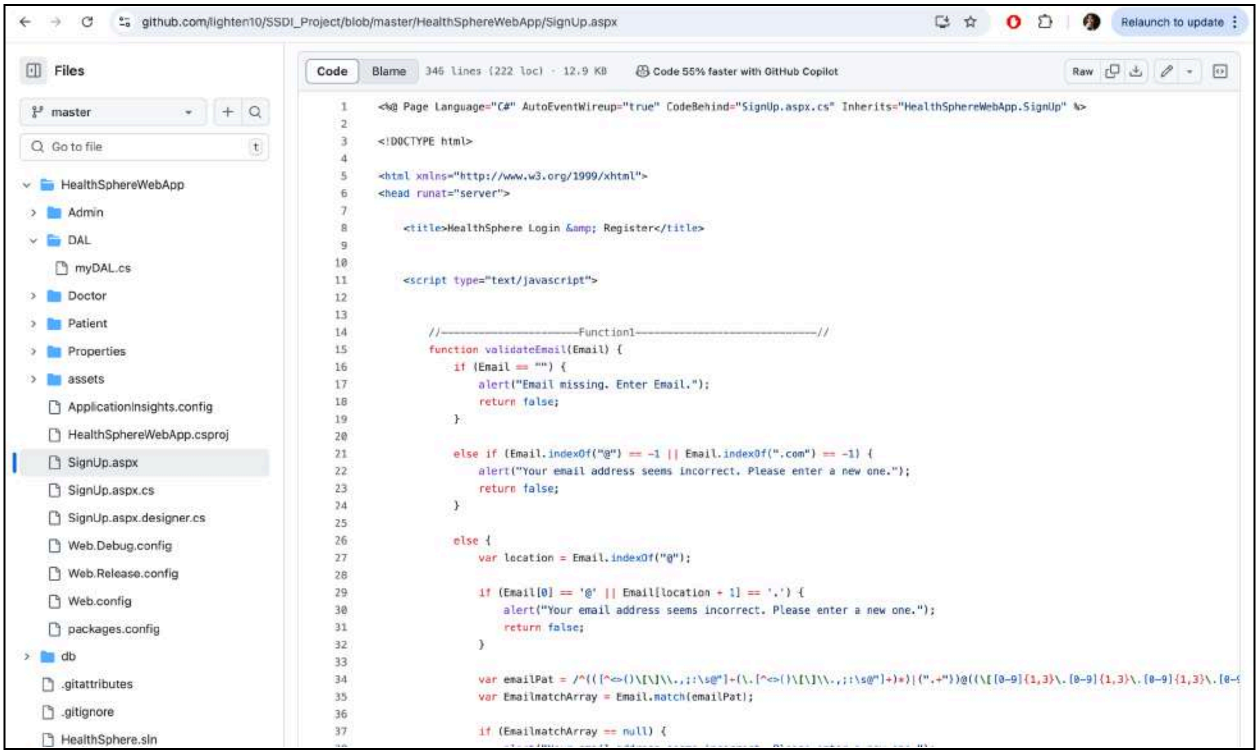
704-222-9999

● Male ☐ Female

mallard creek, nc, 28[illegible]

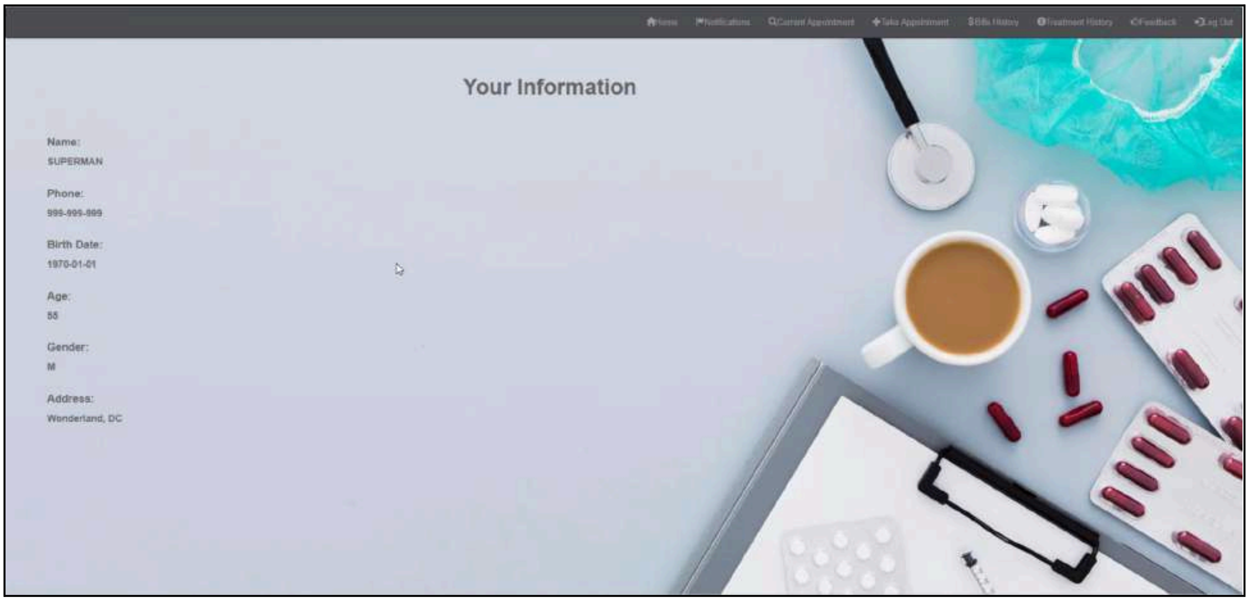
SignUp

Below is the written code for it:



```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="SignUp.aspx.cs" Inherits="HealthSphereWebApp.SignUp" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">

    <title>HealthSphere Login &amp; Register</title>


    <script type="text/javascript">


        //----------------------Function1----------------------------//
        function validateEmail(Email) {
            if (Email == "") {
                alert("Email missing. Enter Email.");
                return false;
            }

            else if (Email.indexOf("@") == -1 || Email.indexOf(".com") == -1) {
                alert("Your email address seems incorrect. Please enter a new one.");
                return false;
            }

            else {
                var location = Email.indexOf("@");

                if (Email[0] == '@' || Email[location + 1] == '.') {
                    alert("Your email address seems incorrect. Please enter a new one.");
                    return false;
                }

                var emailPat = /^(([^<>()\[\]\\.,;:\s@"]+(\.[^<>()\[\]\\.,;:\s@"]+)*)|(".+"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-
                var EmailmatchArray = Email.match(emailPat);

                if (EmailmatchArray == null) {
```

- **Patients** gain access to multiple facilities upon registering on the HealthSphere website. Below is the landing page of a patient named “SUPERMAN” after he logs into the HealthSphere website.



Your Information

Name:
SUPERMAN

Phone:
999-999-999

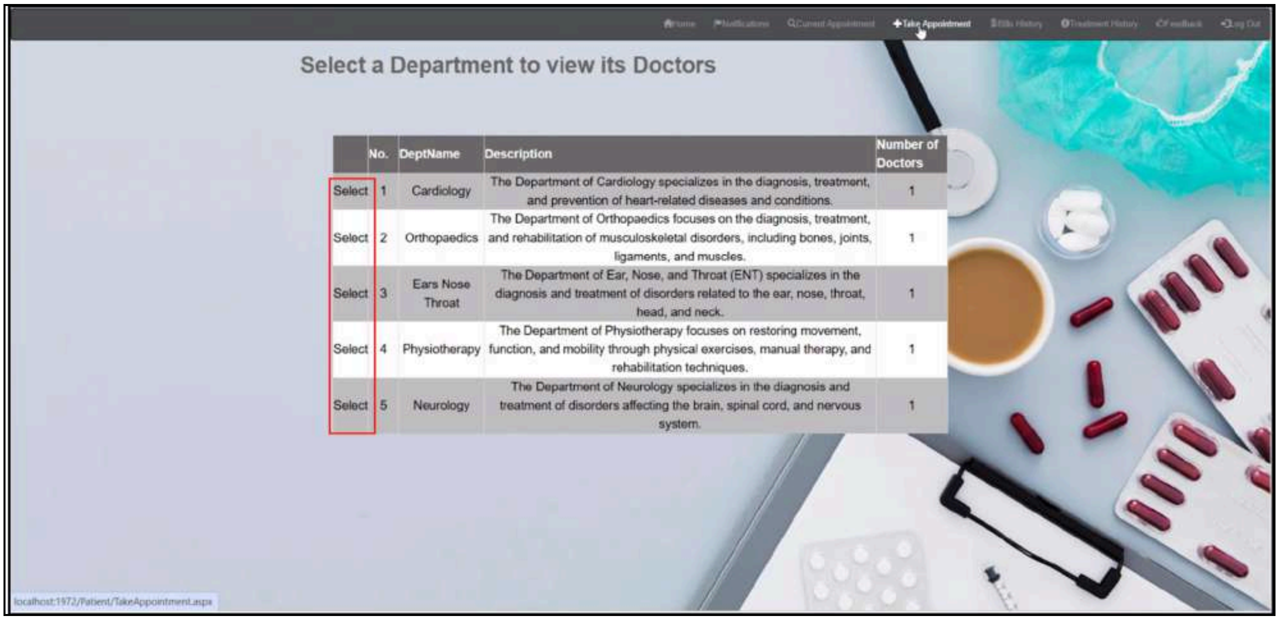
Birth Date:
1970-01-01

Age:
55

Gender:
M

Address:
Wonderland, DC

- **Patients** can take appointments as per their need by clicking on the “**Take Appointment**” button. A list of departments are then displayed after which the patient is allowed to select a particular department with the help of the “**Select**” option.

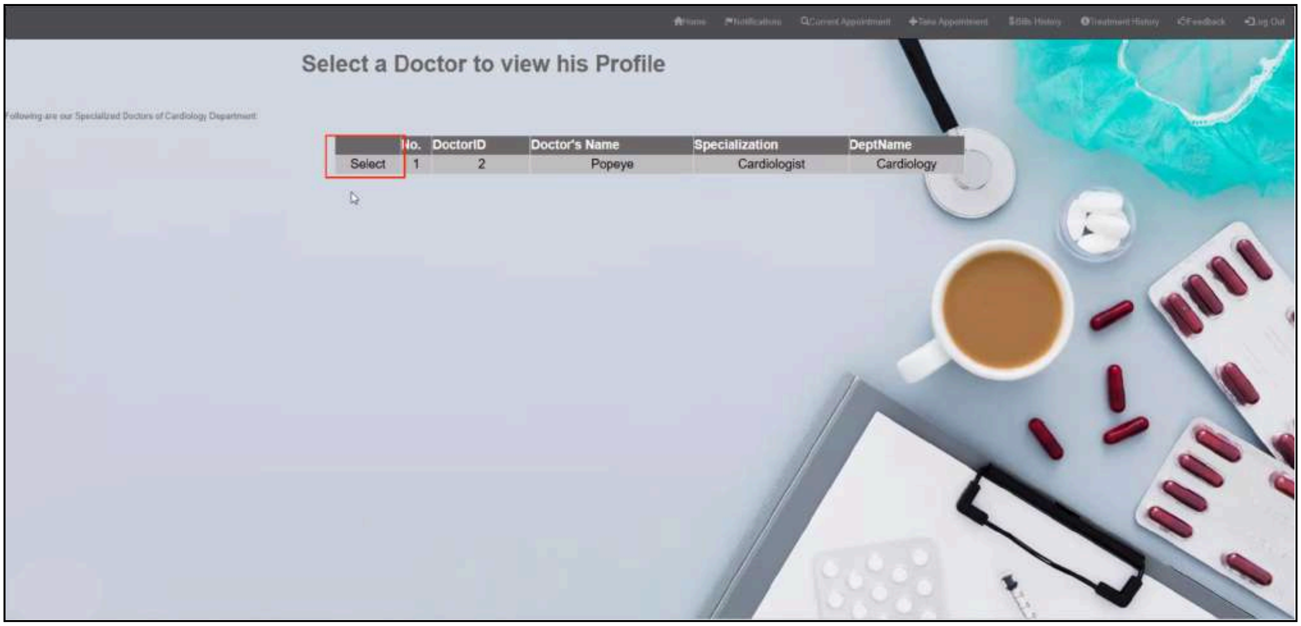


Select a Department to view its Doctors

	No.	DeptName	Description	Number of Doctors
Select	1	Cardiology	The Department of Cardiology specializes in the diagnosis, treatment, and prevention of heart-related diseases and conditions.	1
Select	2	Orthopaedics	The Department of Orthopaedics focuses on the diagnosis, treatment, and rehabilitation of musculoskeletal disorders, including bones, joints, ligaments, and muscles.	1
Select	3	Ears Nose Throat	The Department of Ear, Nose, and Throat (ENT) specializes in the diagnosis and treatment of disorders related to the ear, nose, throat, head, and neck.	1
Select	4	Physiotherapy	The Department of Physiotherapy focuses on restoring movement, function, and mobility through physical exercises, manual therapy, and rehabilitation techniques.	1
Select	5	Neurology	The Department of Neurology specializes in the diagnosis and treatment of disorders affecting the brain, spinal cord, and nervous system.	1

localhost:1972/Patient/TakeAppointment.aspx

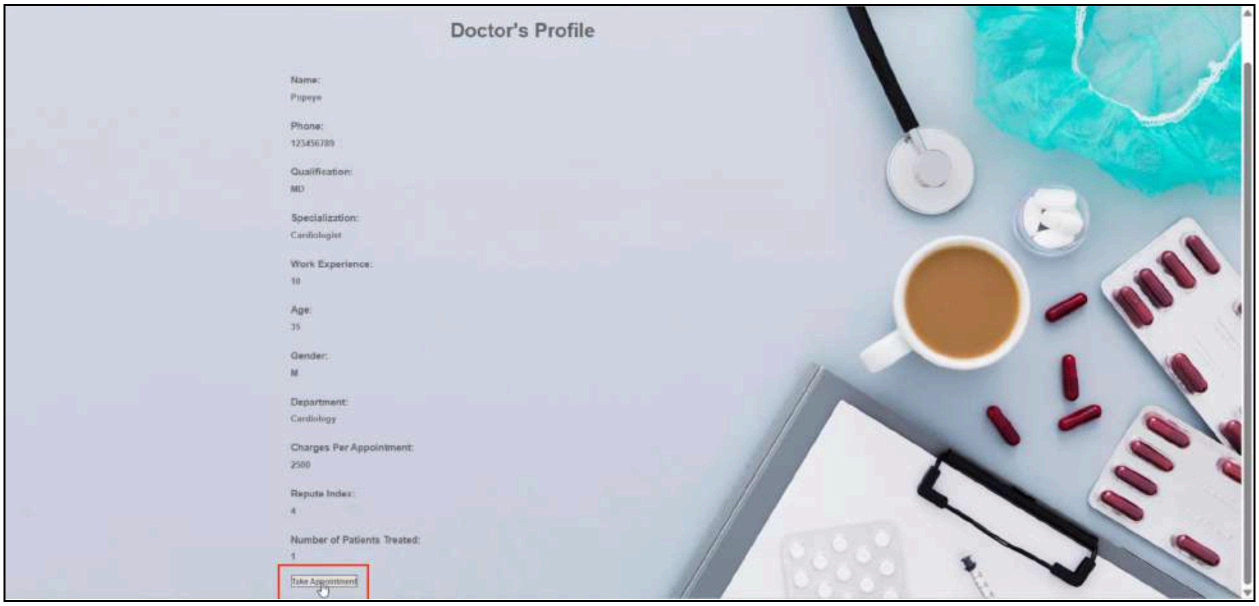
- **Patients** will be able to see the doctor for the department he/she has chosen and also his profile as shown below. Once the patient is sure about the doctor, the patient can then select a free time according to the doctor's schedule and send an appointment request to the doctor.



Select a Doctor to view his Profile

Following are our Specialized Doctors of Cardiology Department:

	No.	DoctorID	Doctor's Name	Specialization	DeptName
Select	1	2	Popeye	Cardiologist	Cardiology



Doctor's Profile

Name:
Popeye

Phone:
123456789

Qualification:
MD

Specialization:
Cardiologist

Work Experience:
10

Age:
35

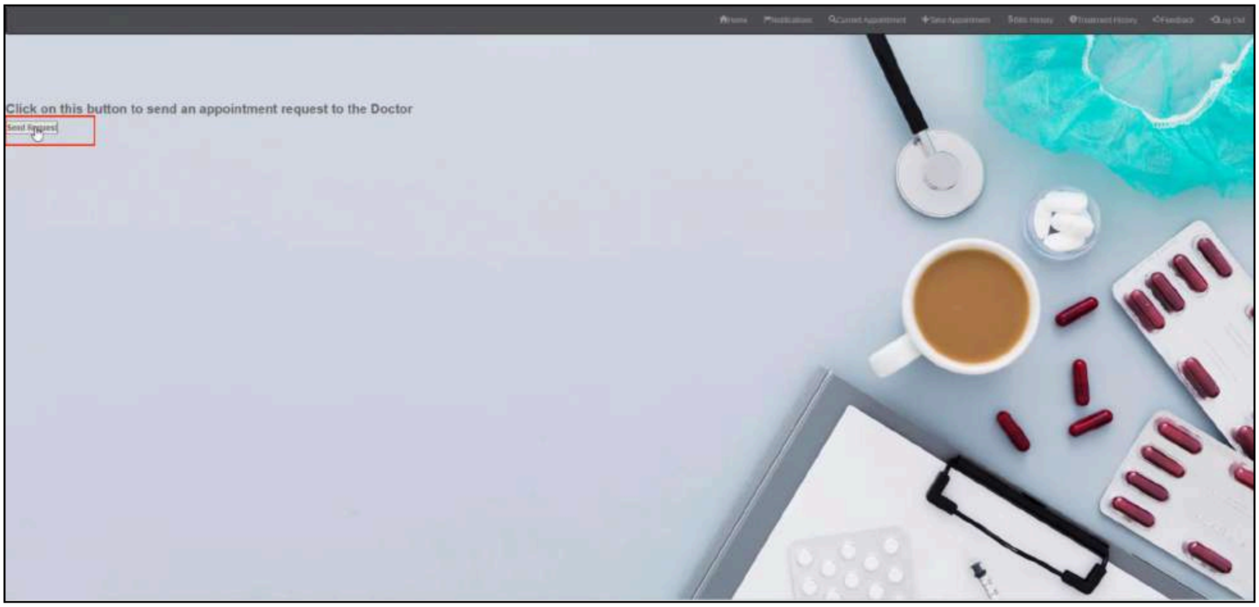
Gender:
M

Department:
Cardiology

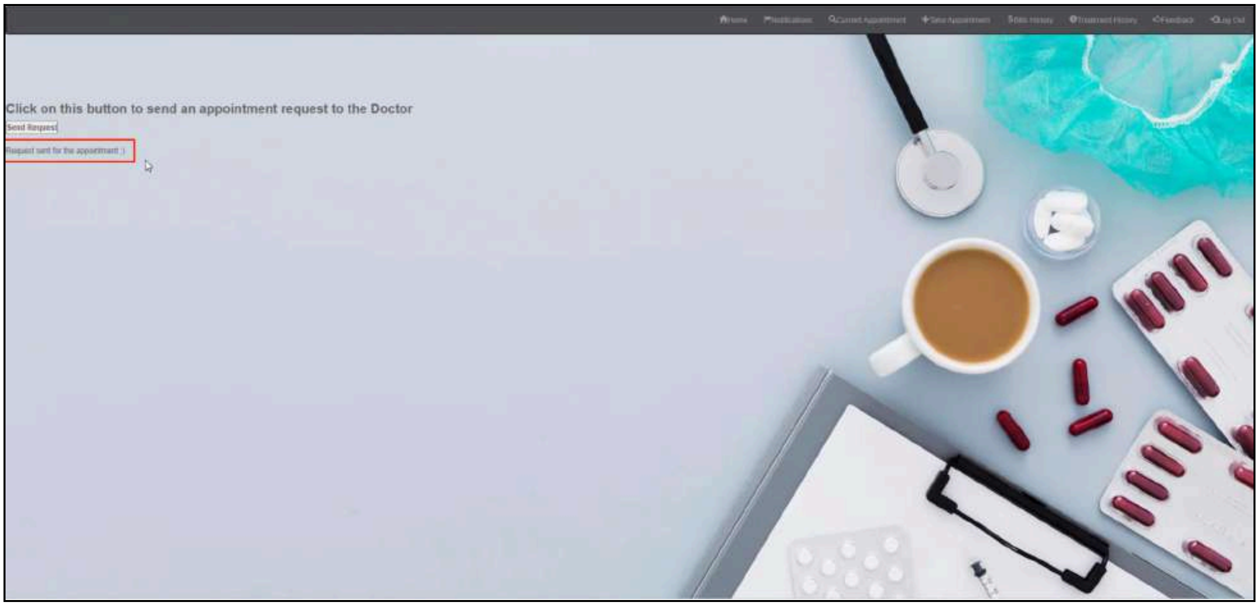
Charges Per Appointment:
2500

Repute Index:
4

Number of Patients Treated:
1



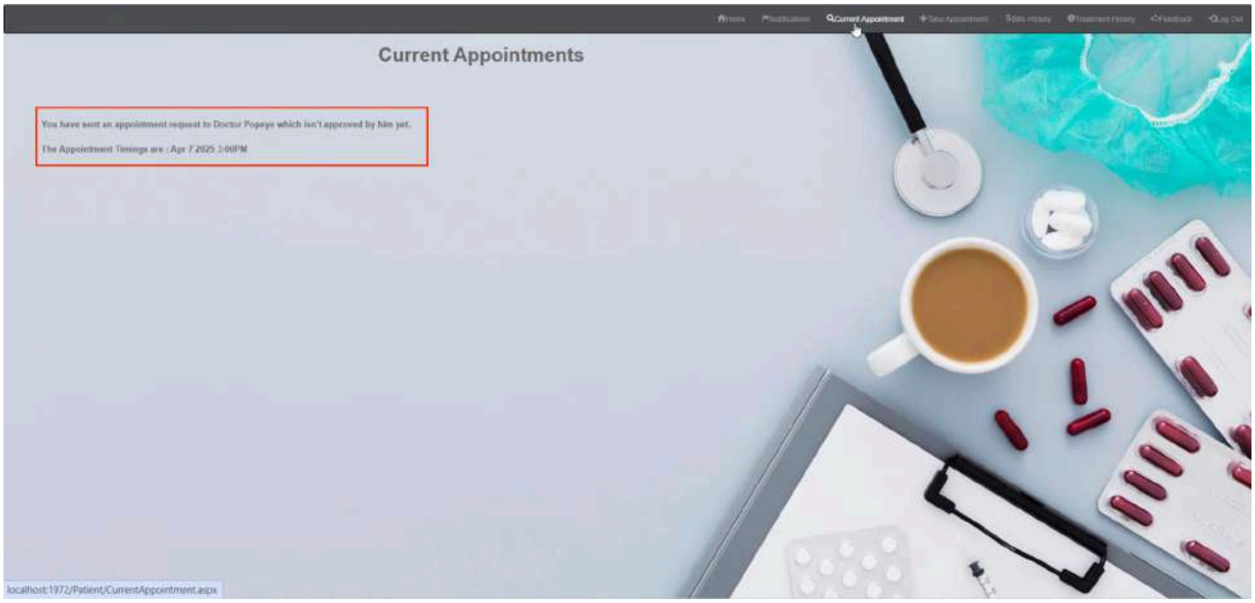
Click on this button to send an appointment request to the Doctor



Click on this button to send an appointment request to the Doctor

Request sent for the appointment :)

- **Patients** will be able to check their current appointments with any of the doctors.



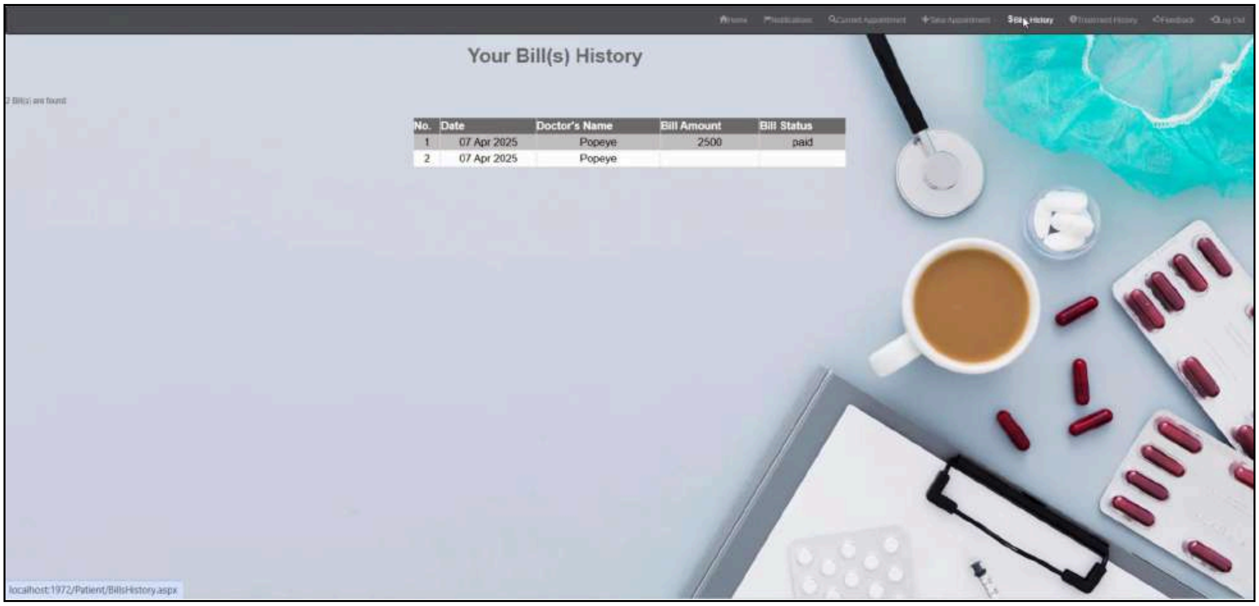
Current Appointments

You have sent an appointment request to Doctor Popeye which isn't approved by him yet.

The Appointment Timings are : Apr 7 2025 2:00PM

localhost:1972/Patient/CurrentAppointment.aspx

- **Patients** will be able to check the Bills generated on their name by clicking the "**Bills History"** button. The bills are generated based on the treatment they have requested for and also the prior treatments they have undergone.



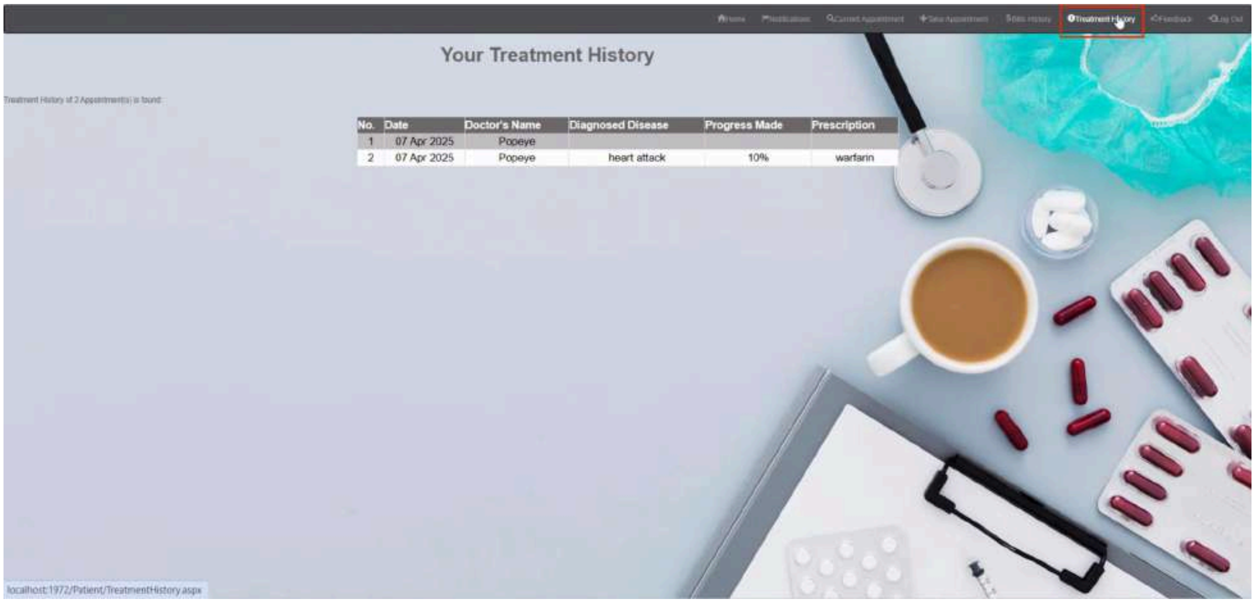
Your Bill(s) History

2 Bill(s) are found

No.	Date	Doctor's Name	Bill Amount	Bill Status
1	07 Apr 2025	Popeye	2500	paid
2	07 Apr 2025	Popeye		

localhost:1972/Patient/BillsHistory.aspx

- **Patients** will be able to check their treatment history from their respective doctors by clicking on the “**Treatment history**” button. Patients will be aware of the medicines prescribed by the doctor, the progress rate of the patient’s case, as well as the diagnosed disease.



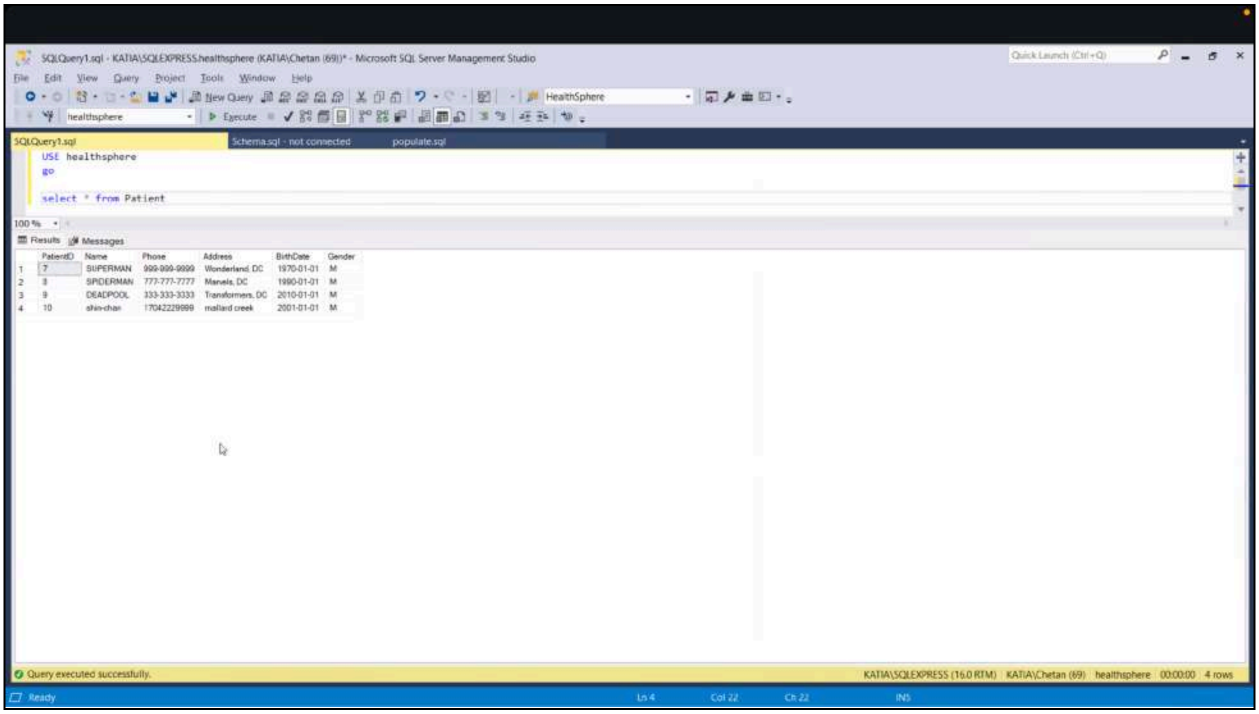
Your Treatment History

Treatment History of 2 Appointment(s) is found:

No.	Date	Doctor's Name	Diagnosed Disease	Progress Made	Prescription
1	07 Apr 2025	Popeye			
2	07 Apr 2025	Popeye	heart attack	10%	warfarin

localhost:1972/Patient/TreatmentHistory.aspx

Database Schema for the Patient record:



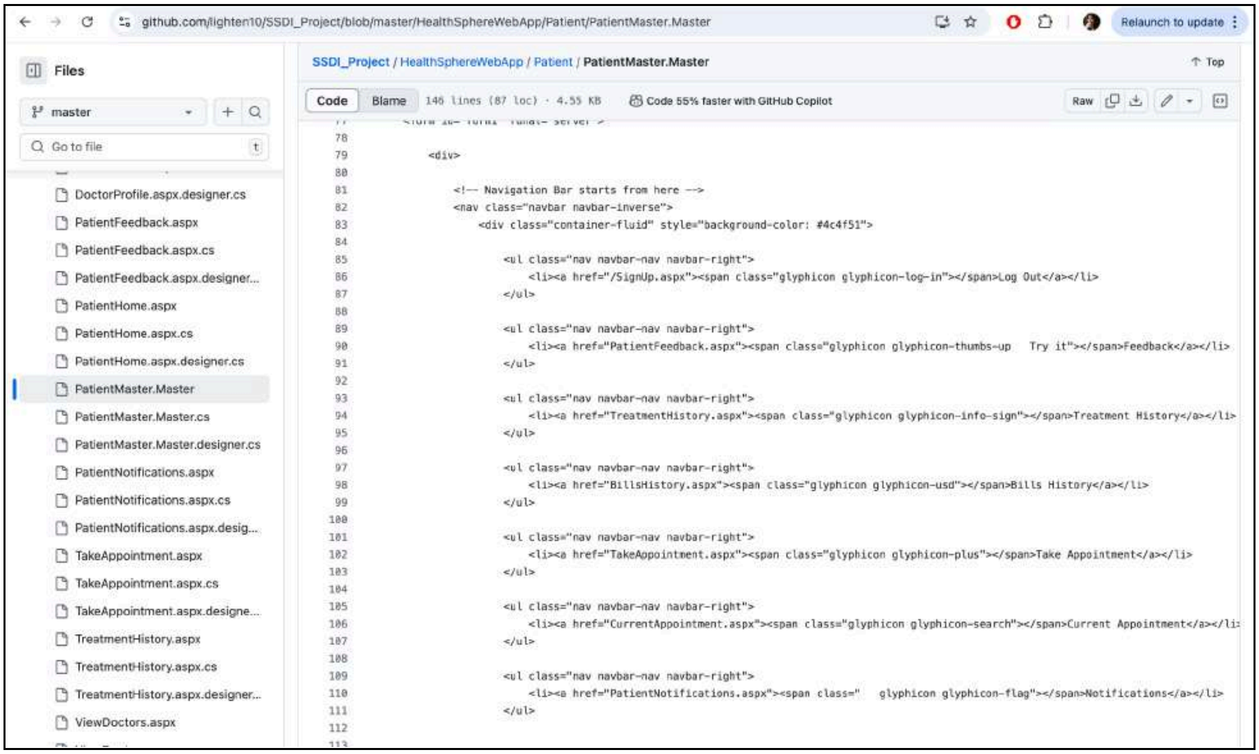
SQLQuery1.sql - KATIA\SQLEXPRESS.healthsphere (KATIA\Chetan (69))* - Microsoft SQL Server Management Studio
File Edit View Query Project Tools Window Help
New Query
HealthSphere
healthsphere
Execute
SQLQuery1.sql
Schema.sql - not connected
populate.sql
100 %
Results
Messages
Query executed successfully.
KATIA\SQLEXPRESS (16.0 RTM) | KATIA\Chetan (69) | healthsphere | 00:00:00 | 4 rows
Ready
Ln 4
Col 22
Ch 22
INS

```sql
USE healthsphere
go

select * from Patient
```

	PatientID	Name	Phone	Address	BirthDate	Gender
1	7	SUPERMAN	999-999-9999	Wonderland, DC	1970-01-01	M
2	8	SPIDERMAN	777-777-7777	Marvels, DC	1990-01-01	M
3	9	DEADPOOL	333-333-3333	Transformers, DC	2010-01-01	M
4	10	shin-chan	17042229999	mallard creek	2001-01-01	M

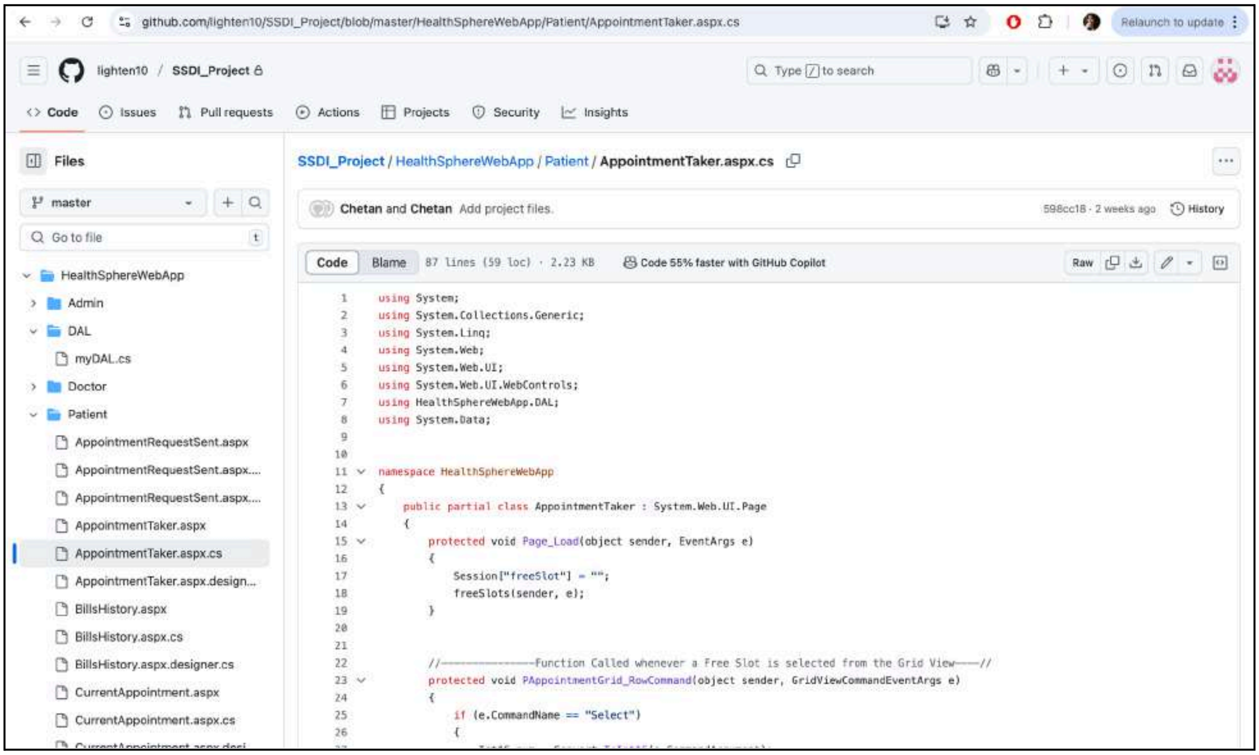
The shown screenshots depict a few of the code fragments of the main scenarios of the **Patient's** facilities.

PatientMaster


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Patient/PatientMaster.Master
Relaunch to update
Files
master
Go to file
DoctorProfile.aspx.designer.cs
PatientFeedback.aspx
PatientFeedback.aspx.cs
PatientFeedback.aspx.designer...
PatientHome.aspx
PatientHome.aspx.cs
PatientHome.aspx.designer.cs
PatientMaster.Master
PatientMaster.Master.cs
PatientMaster.Master.designer.cs
PatientNotifications.aspx
PatientNotifications.aspx.cs
PatientNotifications.aspx.desig...
TakeAppointment.aspx
TakeAppointment.aspx.cs
TakeAppointment.aspx.designe...
TreatmentHistory.aspx
TreatmentHistory.aspx.cs
TreatmentHistory.aspx.designer...
ViewDoctors.aspx
SSDI_Project / HealthSphereWebApp / Patient / PatientMaster.Master
Top
Code
Blame
146 lines (87 loc) · 4.55 KB
Code 55% faster with GitHub Copilot
Raw

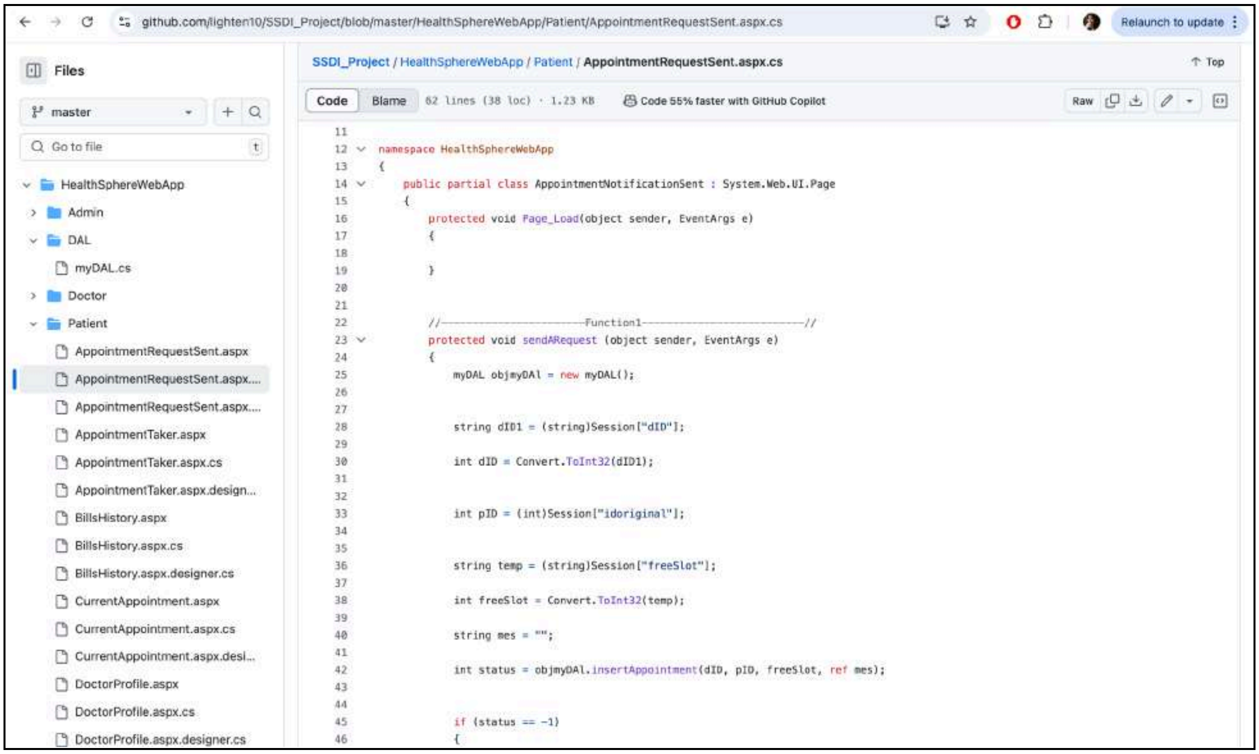
```
        <div>

            <!-- Navigation Bar starts from here -->
            <nav class="navbar navbar-inverse">
                <div class="container-fluid" style="background-color: #4c4f51">

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="/SignUp.aspx"><span class="glyphicon glyphicon-log-in"></span>Log Out</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="PatientFeedback.aspx"><span class="glyphicon glyphicon-thumbs-up   Try it"></span>Feedback</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="TreatmentHistory.aspx"><span class="glyphicon glyphicon-info-sign"></span>Treatment History</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="BillsHistory.aspx"><span class="glyphicon glyphicon-usd"></span>Bills History</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="TakeAppointment.aspx"><span class="glyphicon glyphicon-plus"></span>Take Appointment</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="CurrentAppointment.aspx"><span class="glyphicon glyphicon-search"></span>Current Appointment</a></li
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="PatientNotifications.aspx"><span class="   glyphicon glyphicon-flag"></span>Notifications</a></li>
                    </ul>

```

AppointmentTaker.aspx


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Patient/AppointmentTaker.aspx.cs
Relaunch to update
lighten10 / SSDI_Project
Type / to search
Code
Issues
Pull requests
Actions
Projects
Security
Insights
Files
master
Go to file
HealthSphereWebApp
Admin
DAL
myDAL.cs
Doctor
Patient
AppointmentRequestSent.aspx
AppointmentRequestSent.aspx....
AppointmentRequestSent.aspx....
AppointmentTaker.aspx
AppointmentTaker.aspx.cs
AppointmentTaker.aspx.design...
BillsHistory.aspx
BillsHistory.aspx.cs
BillsHistory.aspx.designer.cs
CurrentAppointment.aspx
CurrentAppointment.aspx.cs
SSDI_Project / HealthSphereWebApp / Patient / AppointmentTaker.aspx.cs
Chetan and Chetan Add project files.
598cc18 · 2 weeks ago
History
Code
Blame
87 lines (59 loc) · 2.23 KB
Code 55% faster with GitHub Copilot
Raw

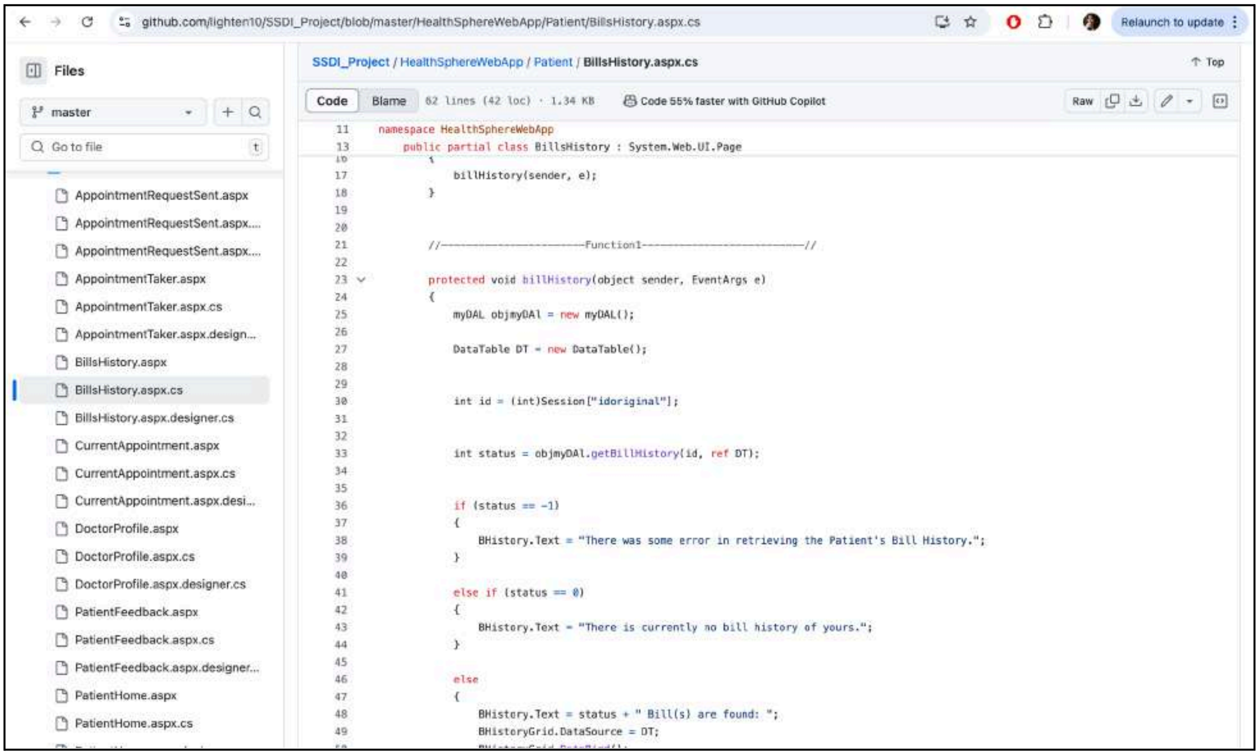
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using HealthSphereWebApp.DAL;
using System.Data;


namespace HealthSphereWebApp
{
    public partial class AppointmentTaker : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Session["freeSlot"] = "";
            freeSlots(sender, e);
        }


        //---------------Function Called whenever a Free Slot is selected from the Grid View---//
        protected void PAppointmentGrid_RowCommand(object sender, GridViewCommandEventArgs e)
        {
            if (e.CommandName == "Select")
            {
```

AppointmentRequestSent.aspx


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Patient/AppointmentRequestSent.aspx.cs
Relaunch to update
Files
master
Go to file
HealthSphereWebApp
Admin
DAL
myDAL.cs
Doctor
Patient
AppointmentRequestSent.aspx
AppointmentRequestSent.aspx....
AppointmentRequestSent.aspx....
AppointmentTaker.aspx
AppointmentTaker.aspx.cs
AppointmentTaker.aspx.design...
BillsHistory.aspx
BillsHistory.aspx.cs
BillsHistory.aspx.designer.cs
CurrentAppointment.aspx
CurrentAppointment.aspx.cs
CurrentAppointment.aspx.desi...
DoctorProfile.aspx
DoctorProfile.aspx.cs
DoctorProfile.aspx.designer.cs
SSDI_Project / HealthSphereWebApp / Patient / AppointmentRequestSent.aspx.cs
Top
Code
Blame
62 lines (38 loc) · 1.23 KB
Code 55% faster with GitHub Copilot
Raw

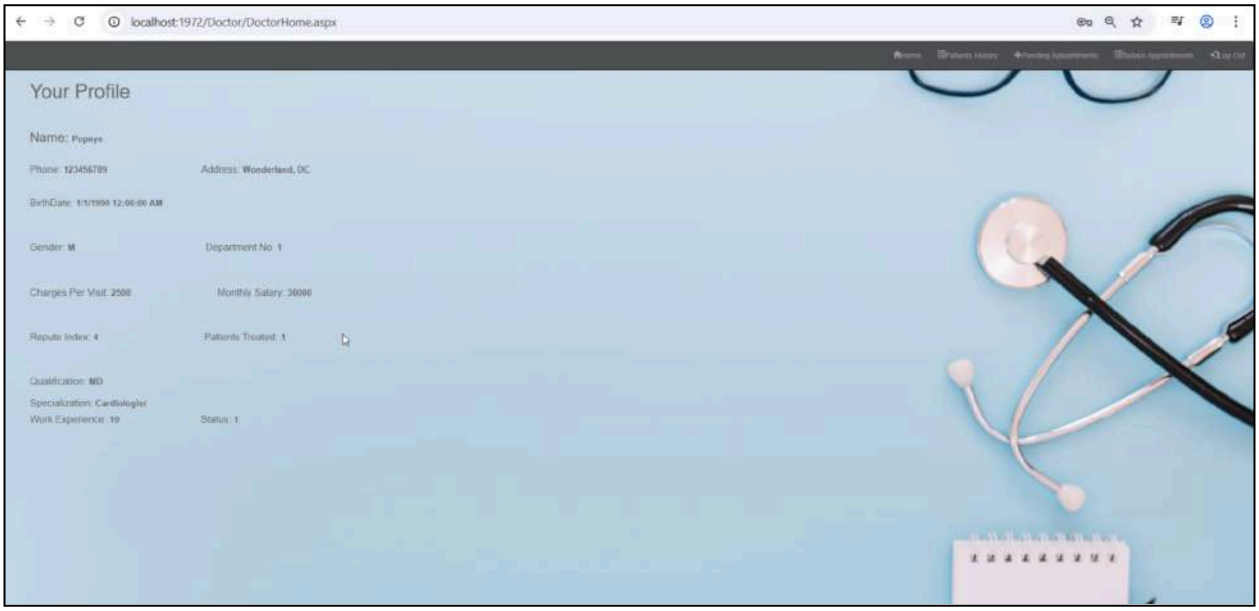
```
namespace HealthSphereWebApp
{
    public partial class AppointmentNotificationSent : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }


        //-----------------------Function1-------------------------//
        protected void sendARequest (object sender, EventArgs e)
        {
            myDAL objmyDAl = new myDAL();


            string dID1 = (string)Session["dID"];

            int dID = Convert.ToInt32(dID1);


            int pID = (int)Session["idoriginal"];


            string temp = (string)Session["freeSlot"];

            int freeSlot = Convert.ToInt32(temp);

            string mes = "";

            int status = objmyDAl.insertAppointment(dID, pID, freeSlot, ref mes);


            if (status == -1)
            {
```

BillsHistory.aspx


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Patient/BillsHistory.aspx.cs
Relaunch to update
Files
master
Go to file
AppointmentRequestSent.aspx
AppointmentRequestSent.aspx....
AppointmentRequestSent.aspx....
AppointmentTaker.aspx
AppointmentTaker.aspx.cs
AppointmentTaker.aspx.design...
BillsHistory.aspx
BillsHistory.aspx.cs
BillsHistory.aspx.designer.cs
CurrentAppointment.aspx
CurrentAppointment.aspx.cs
CurrentAppointment.aspx.desi...
DoctorProfile.aspx
DoctorProfile.aspx.cs
DoctorProfile.aspx.designer.cs
PatientFeedback.aspx
PatientFeedback.aspx.cs
PatientFeedback.aspx.designer...
PatientHome.aspx
PatientHome.aspx.cs
SSDI_Project / HealthSphereWebApp / Patient / BillsHistory.aspx.cs
Top
Code
Blame
62 lines (42 loc) · 1.34 KB
Code 55% faster with GitHub Copilot
Raw

```
namespace HealthSphereWebApp
    public partial class BillsHistory : System.Web.UI.Page
        {
            billHistory(sender, e);
        }


        //-----------------------Function1-------------------------//

        protected void billHistory(object sender, EventArgs e)
        {
            myDAL objmyDAl = new myDAL();

            DataTable DT = new DataTable();


            int id = (int)Session["idoriginal"];


            int status = objmyDAl.getBillHistory(id, ref DT);


            if (status == -1)
            {
                BHistory.Text = "There was some error in retrieving the Patient's Bill History.";
            }

            else if (status == 0)
            {
                BHistory.Text = "There is currently no bill history of yours.";
            }

            else
            {
                BHistory.Text = status + " Bill(s) are found: ";
                BHistoryGrid.DataSource = DT;
```

- **After logging in, Doctor’s** landing page will be his/her own profile page that can be viewed as below:



Your Profile

Name: Popeye

Phone: 123456789 Address: Wonderland, DC

BirthDate: 1/1/1990 12:00:00 AM

Gender: M Department No: 1

Charges Per Visit: 2500 Monthly Salary: 30000

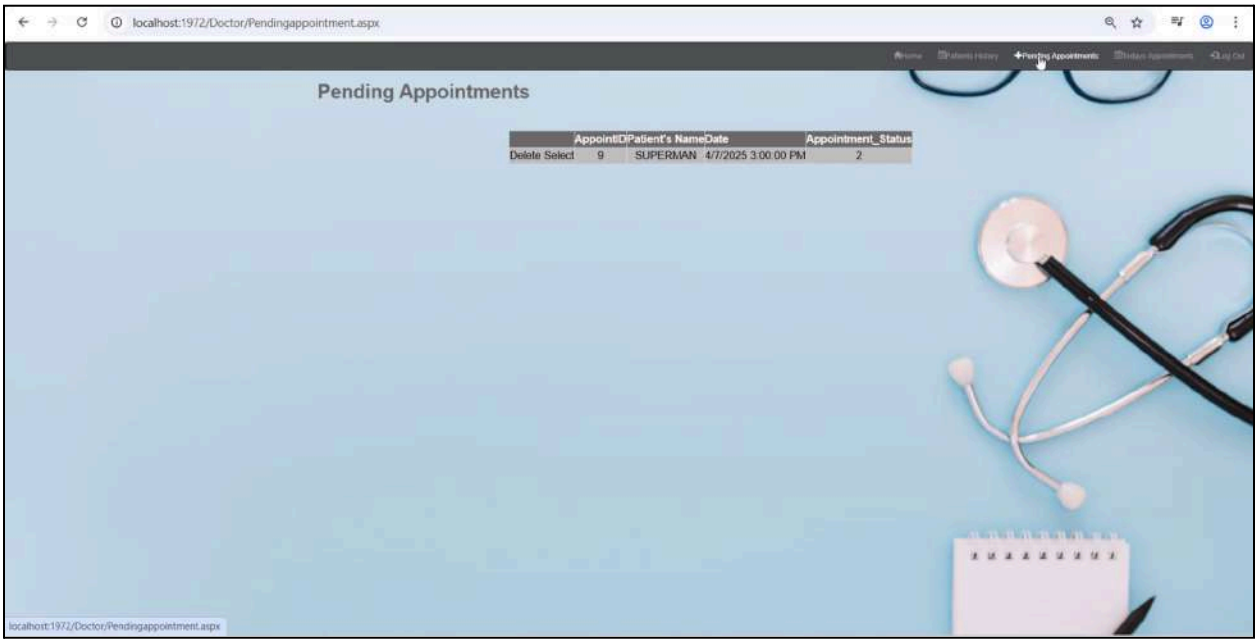
Repute Index: 4 Patients Treated: 1

Qualification: MD

Specialization: Cardiologist

Work Experience: 10 Status: 1

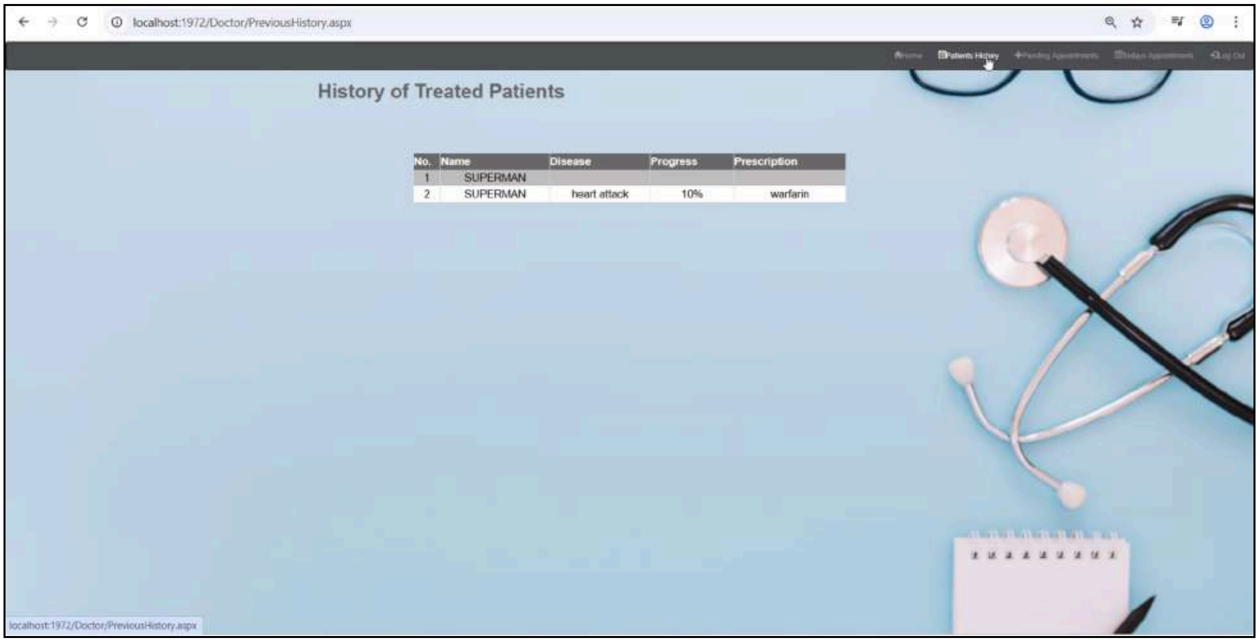
- **The doctor** will be able to see the pending appointments by clicking on the “Pending Appointments” button.


localhost:1972/Doctor/Pendingappointment.aspx
Home
Patients History
Pending Appointments
Log Out
localhost:1972/Doctor/Pendingappointment.aspx

Pending Appointments

	AppointID	Patient's Name	Date	Appointment_Status
Delete Select	9	SUPERMAN	4/7/2025 3:00:00 PM	2

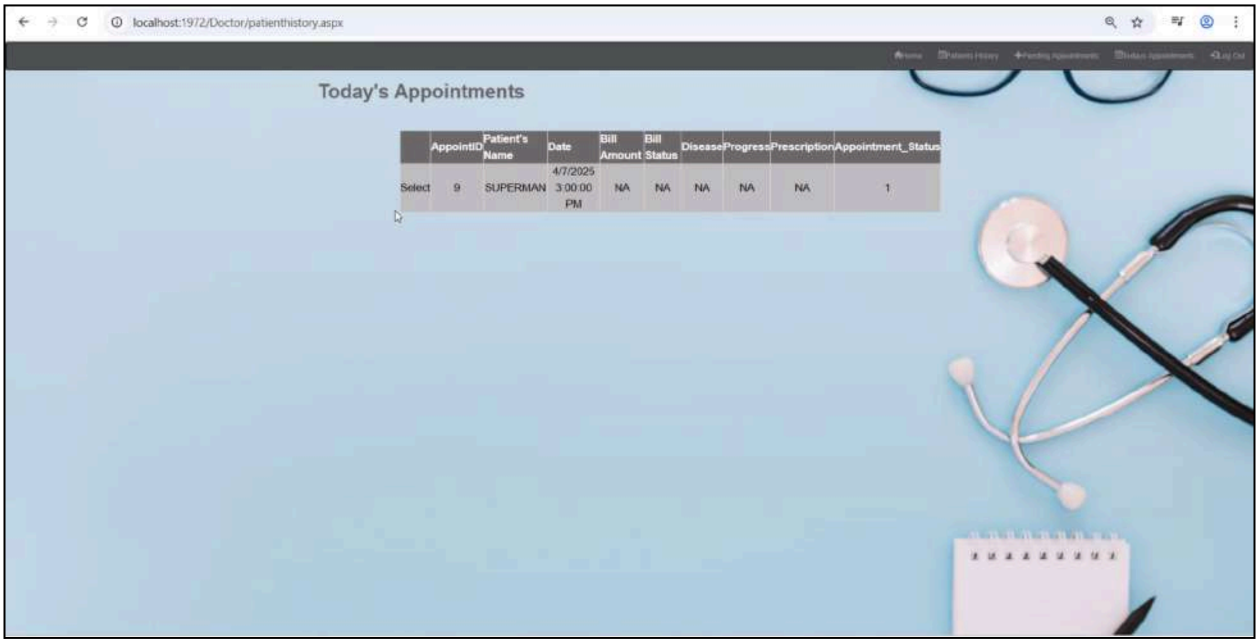
- **Doctors** will be able to see the patient’s case history before beginning with the patient’s treatment.


localhost:1972/Doctor/PreviousHistory.aspx
Home
Patients History
Pending Appointments
Todays Appointments
Log Out
localhost:1972/Doctor/PreviousHistory.aspx

History of Treated Patients

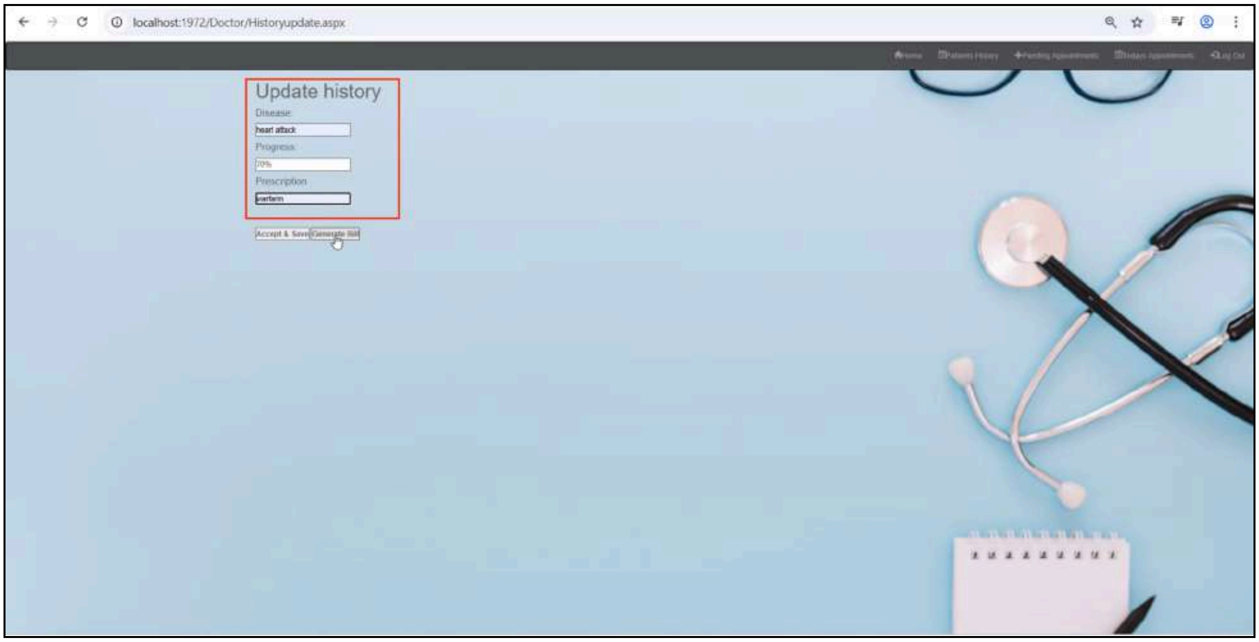
No.	Name	Disease	Progress	Prescription
1	SUPERMAN			
2	SUPERMAN	heart attack	10%	warfarin

- **Doctors** will be able to update the case history of a patient that the doctor is treating by clicking on **"Today's appointments".** The doctor can update the status of the progress of the treatment for the patient.



Today's Appointments

	AppointID	Patient's Name	Date	Bill Amount	Bill Status	Disease	Progress	Prescription	Appointment_Status
Select	9	SUPERMAN	4/7/2025 3:00:00 PM	NA	NA	NA	NA	NA	1



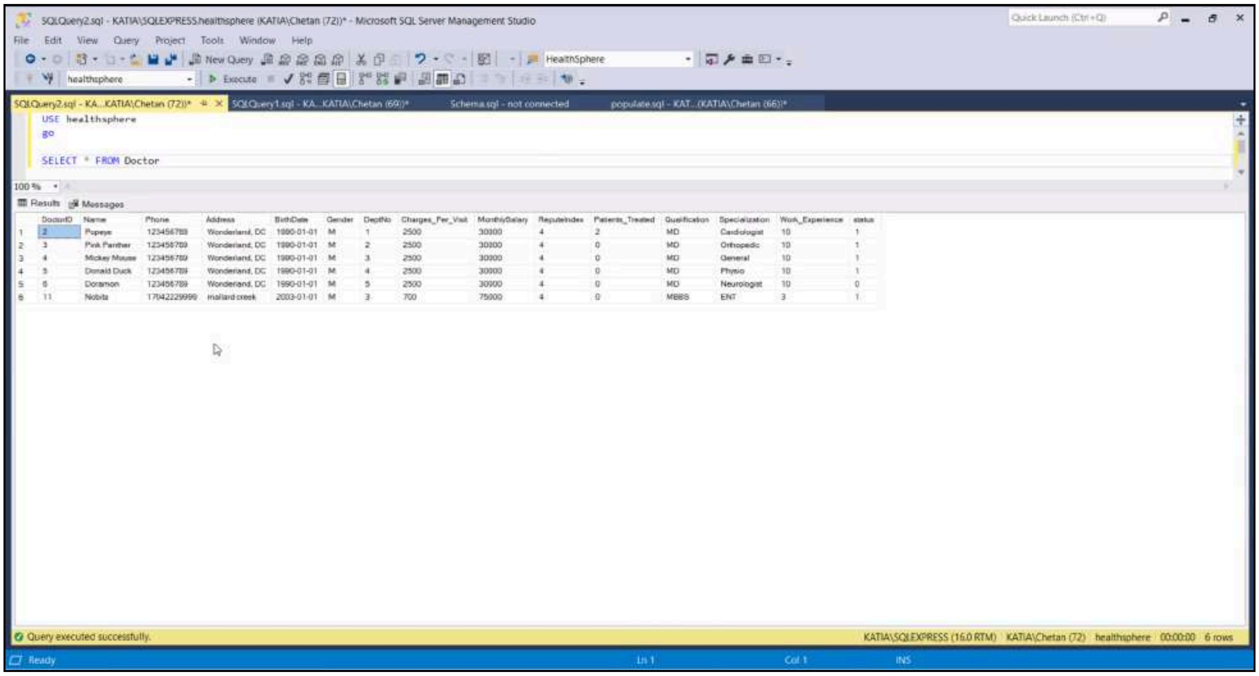
Update history

Disease: heart attack

Progress: 70%

Prescription: warfarin

Database Schema for the Doctor’s details:


SQLQuery2.sql - KATIA\SQLEXPRESS.healthsphere (KATIA\Chetan (72))* - Microsoft SQL Server Management Studio
File
Edit
View
Query
Project
Tools
Window
Help
New Query
HealthSphere
healthsphere
Execute
SQLQuery2.sql - KA...KATIA\Chetan (72))*
SQLQuery1.sql - KA...KATIA\Chetan (69))*
Schema.sql - not connected
populate.sql - KAT...(KATIA\Chetan (66))*
100 %
Results
Messages

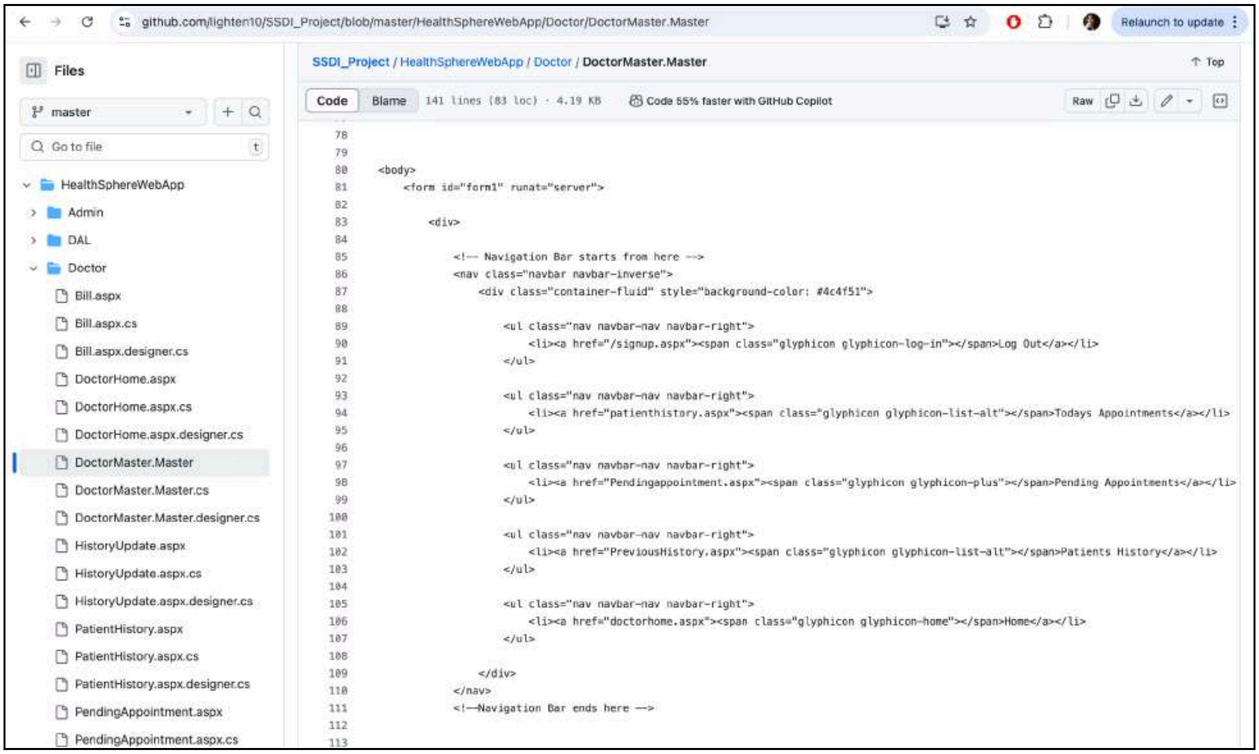
```
USE healthsphere
go

SELECT * FROM Doctor
```

	DoctorID	Name	Phone	Address	BirthDate	Gender	DeptNo	Charges_Per_Visit	MonthlySalary	ReputeIndex	Patients_Treated	Qualification	Specialization	Work_Experience	status
1	2	Popeye	123456789	Wonderland, DC	1990-01-01	M	1	2500	30000	4	2	MD	Cardiologist	10	1
2	3	Pink Panther	123456789	Wonderland, DC	1990-01-01	M	2	2500	30000	4	0	MD	Orthopedic	10	1
3	4	Mickey Mouse	123456789	Wonderland, DC	1990-01-01	M	3	2500	30000	4	0	MD	General	10	1
4	5	Donald Duck	123456789	Wonderland, DC	1990-01-01	M	4	2500	30000	4	0	MD	Physio	10	1
5	6	Doramon	123456789	Wonderland, DC	1990-01-01	M	5	2500	30000	4	0	MD	Neurologist	10	0
6	11	Nobita	17042229999	mallard creek	2003-01-01	M	3	700	75000	4	0	MBBS	ENT	3	1

Query executed successfully.

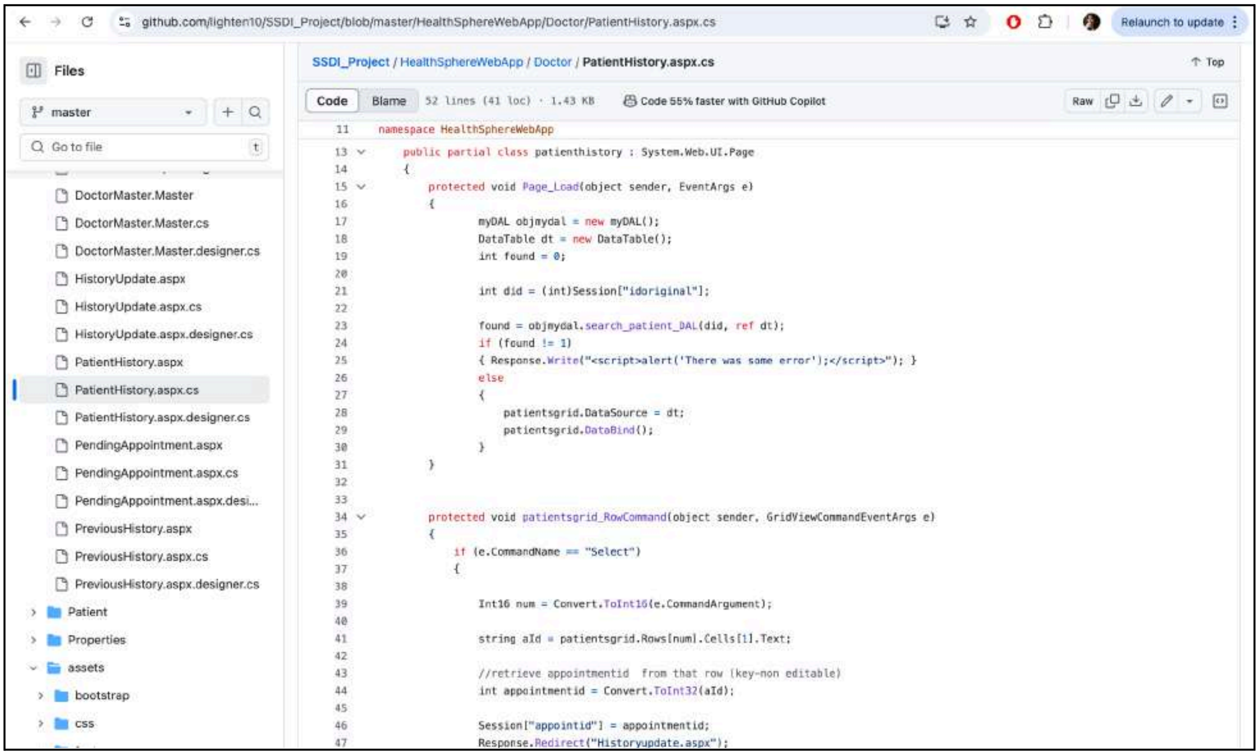
The screenshots shown below depict a few of the code fragments of the main scenarios of the **Doctor’s** facilities.

DoctorMaster


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Doctor/DoctorMaster.Master
Relaunch to update
Files
master
Go to file
HealthSphereWebApp
Admin
DAL
Doctor
Bill.aspx
Bill.aspx.cs
Bill.aspx.designer.cs
DoctorHome.aspx
DoctorHome.aspx.cs
DoctorHome.aspx.designer.cs
DoctorMaster.Master
DoctorMaster.Master.cs
DoctorMaster.Master.designer.cs
HistoryUpdate.aspx
HistoryUpdate.aspx.cs
HistoryUpdate.aspx.designer.cs
PatientHistory.aspx
PatientHistory.aspx.cs
PatientHistory.aspx.designer.cs
PendingAppointment.aspx
PendingAppointment.aspx.cs
SSDI_Project / HealthSphereWebApp / Doctor / DoctorMaster.Master
Top
Code
Blame
141 lines (83 loc) · 4.19 KB
Code 55% faster with GitHub Copilot
Raw

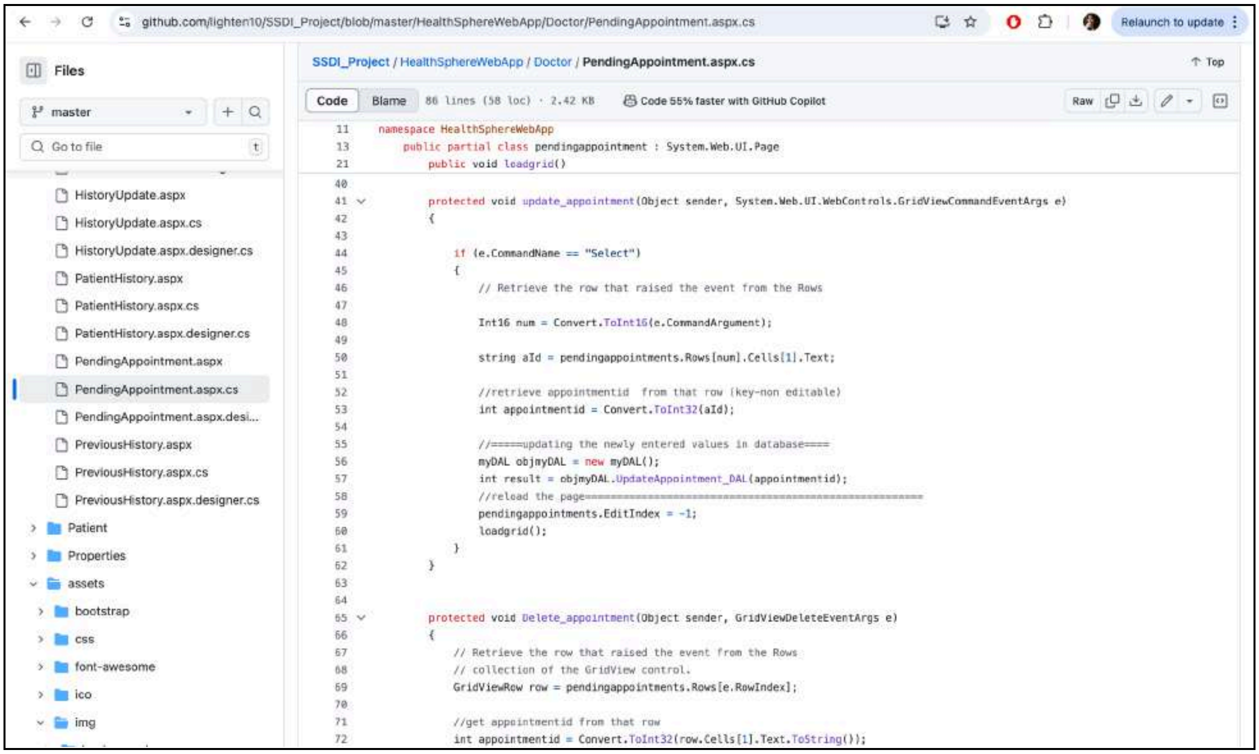
```


<body>
    <form id="form1" runat="server">

        <div>

            <!-- Navigation Bar starts from here -->
            <nav class="navbar navbar-inverse">
                <div class="container-fluid" style="background-color: #4c4f51">

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="/signup.aspx"><span class="glyphicon glyphicon-log-in"></span>Log Out</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="patienthistory.aspx"><span class="glyphicon glyphicon-list-alt"></span>Todays Appointments</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="Pendingappointment.aspx"><span class="glyphicon glyphicon-plus"></span>Pending Appointments</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="PreviousHistory.aspx"><span class="glyphicon glyphicon-list-alt"></span>Patients History</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="doctorhome.aspx"><span class="glyphicon glyphicon-home"></span>Home</a></li>
                    </ul>

                </div>
            </nav>
            <!--Navigation Bar ends here -->

```

PatientHistory.aspx


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Doctor/PatientHistory.aspx.cs
Relaunch to update
Files
master
Go to file
DoctorMaster.Master
DoctorMaster.Master.cs
DoctorMaster.Master.designer.cs
HistoryUpdate.aspx
HistoryUpdate.aspx.cs
HistoryUpdate.aspx.designer.cs
PatientHistory.aspx
PatientHistory.aspx.cs
PatientHistory.aspx.designer.cs
PendingAppointment.aspx
PendingAppointment.aspx.cs
PendingAppointment.aspx.desi...
PreviousHistory.aspx
PreviousHistory.aspx.cs
PreviousHistory.aspx.designer.cs
Patient
Properties
assets
bootstrap
css
SSDI_Project / HealthSphereWebApp / Doctor / PatientHistory.aspx.cs
Top
Code
Blame
52 lines (41 loc) · 1.43 KB
Code 55% faster with GitHub Copilot
Raw

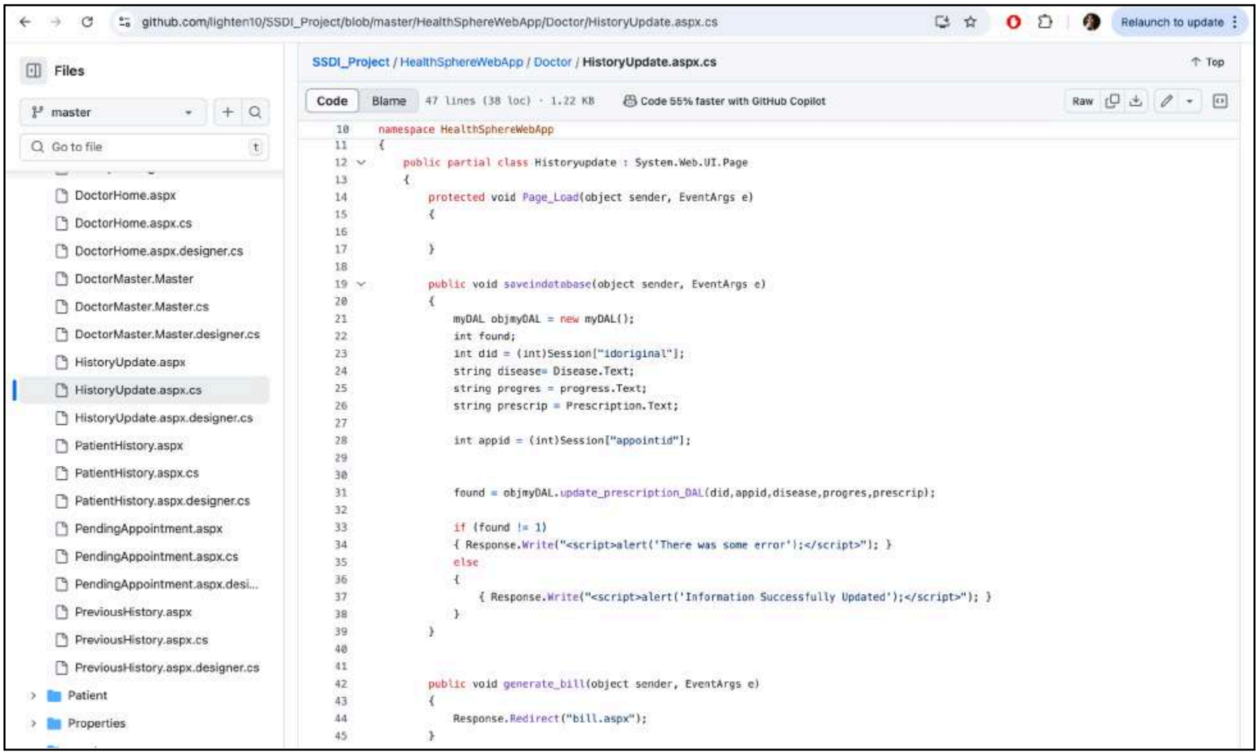
```
namespace HealthSphereWebApp
    public partial class patienthistory : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
                myDAL objmydal = new myDAL();
                DataTable dt = new DataTable();
                int found = 0;

                int did = (int)Session["idoriginal"];

                found = objmydal.search_patient_DAL(did, ref dt);
                if (found != 1)
                { Response.Write("<script>alert('There was some error');</script>"); }
                else
                {
                    patientsgrid.DataSource = dt;
                    patientsgrid.DataBind();
                }
        }


        protected void patientsgrid_RowCommand(object sender, GridViewCommandEventArgs e)
        {
            if (e.CommandName == "Select")
            {

                Int16 num = Convert.ToInt16(e.CommandArgument);

                string aId = patientsgrid.Rows[num].Cells[1].Text;

                //retrieve appointmentid  from that row (key-non editable)
                int appointmentid = Convert.ToInt32(aId);

                Session["appointid"] = appointmentid;
                Response.Redirect("Historyupdate.aspx");
```

PendingAppointment.axpx


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Doctor/PendingAppointment.aspx.cs
Relaunch to update
Files
master
Go to file
HistoryUpdate.aspx
HistoryUpdate.aspx.cs
HistoryUpdate.aspx.designer.cs
PatientHistory.aspx
PatientHistory.aspx.cs
PatientHistory.aspx.designer.cs
PendingAppointment.aspx
PendingAppointment.aspx.cs
PendingAppointment.aspx.desi...
PreviousHistory.aspx
PreviousHistory.aspx.cs
PreviousHistory.aspx.designer.cs
Patient
Properties
assets
bootstrap
css
font-awesome
ico
img
SSDI_Project / HealthSphereWebApp / Doctor / PendingAppointment.aspx.cs
Top
Code
Blame
86 lines (58 loc) · 2.42 KB
Code 55% faster with GitHub Copilot
Raw

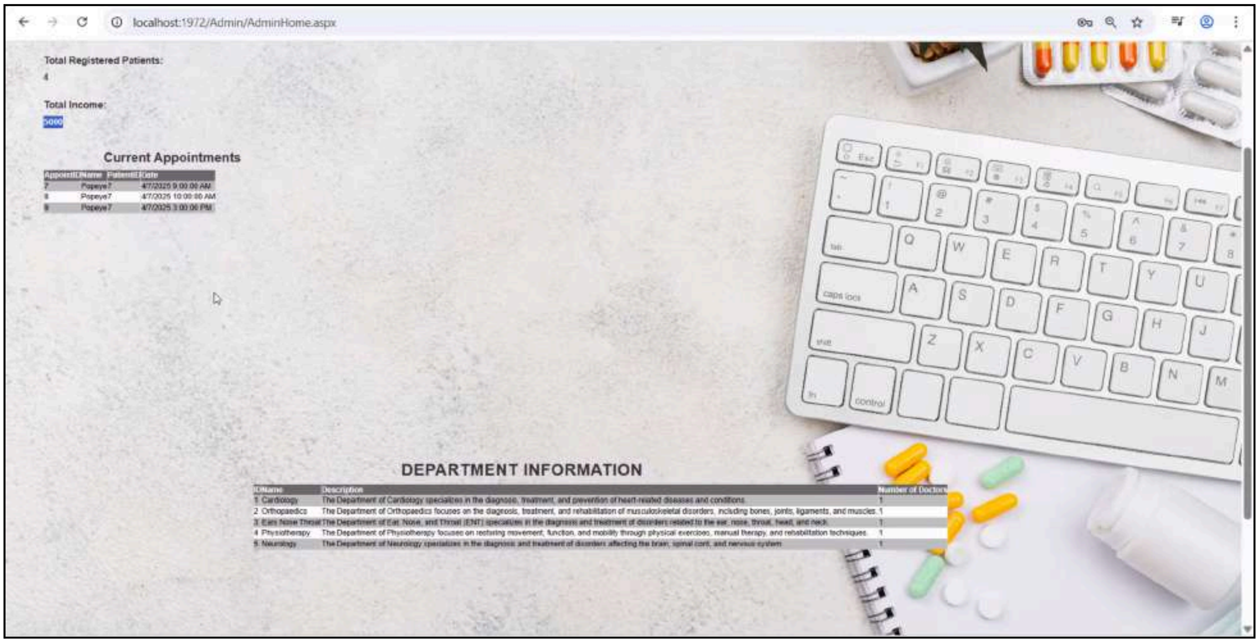
```
namespace HealthSphereWebApp
    public partial class pendingappointment : System.Web.UI.Page
        public void loadgrid()

        protected void update_appointment(Object sender, System.Web.UI.WebControls.GridViewCommandEventArgs e)
        {

            if (e.CommandName == "Select")
            {
                // Retrieve the row that raised the event from the Rows

                Int16 num = Convert.ToInt16(e.CommandArgument);

                string aId = pendingappointments.Rows[num].Cells[1].Text;

                //retrieve appointmentid  from that row (key-non editable)
                int appointmentid = Convert.ToInt32(aId);

                //=====updating the newly entered values in database====
                myDAL objmyDAL = new myDAL();
                int result = objmyDAL.UpdateAppointment_DAL(appointmentid);
                //reload the page=======================================================
                pendingappointments.EditIndex = -1;
                loadgrid();
            }
        }


        protected void Delete_appointment(Object sender, GridViewDeleteEventArgs e)
        {
            // Retrieve the row that raised the event from the Rows
            // collection of the GridView control.
            GridViewRow row = pendingappointments.Rows[e.RowIndex];

            //get appointmentid from that row
            int appointmentid = Convert.ToInt32(row.Cells[1].Text.ToString());
```

HistoryUpdate.axpx


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Doctor/HistoryUpdate.aspx.cs
Relaunch to update
Files
master
Go to file
DoctorHome.aspx
DoctorHome.aspx.cs
DoctorHome.aspx.designer.cs
DoctorMaster.Master
DoctorMaster.Master.cs
DoctorMaster.Master.designer.cs
HistoryUpdate.aspx
HistoryUpdate.aspx.cs
HistoryUpdate.aspx.designer.cs
PatientHistory.aspx
PatientHistory.aspx.cs
PatientHistory.aspx.designer.cs
PendingAppointment.aspx
PendingAppointment.aspx.cs
PendingAppointment.aspx.desi...
PreviousHistory.aspx
PreviousHistory.aspx.cs
PreviousHistory.aspx.designer.cs
Patient
Properties
SSDI_Project / HealthSphereWebApp / Doctor / HistoryUpdate.aspx.cs
Top
Code
Blame
47 lines (38 loc) · 1.22 KB
Code 55% faster with GitHub Copilot
Raw

```
namespace HealthSphereWebApp
{
    public partial class Historyupdate : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        public void saveindatabase(object sender, EventArgs e)
        {
            myDAL objmyDAL = new myDAL();
            int found;
            int did = (int)Session["idoriginal"];
            string disease= Disease.Text;
            string progres = progress.Text;
            string prescrip = Prescription.Text;

            int appid = (int)Session["appointid"];


            found = objmyDAL.update_prescription_DAL(did,appid,disease,progres,prescrip);

            if (found != 1)
            { Response.Write("<script>alert('There was some error');</script>"); }
            else
            {
                { Response.Write("<script>alert('Information Successfully Updated');</script>"); }
            }
        }


        public void generate_bill(object sender, EventArgs e)
        {
            Response.Redirect("bill.aspx");
        }
```

- **After logging in, the administrator personnel's** landing page will be as per shown in the screenshot below. The administrator will be able to see the number of doctors in each department, total number of patients, total income generated and number of weekly appointments.



Total Registered Patients:

4

Total Income:

5000

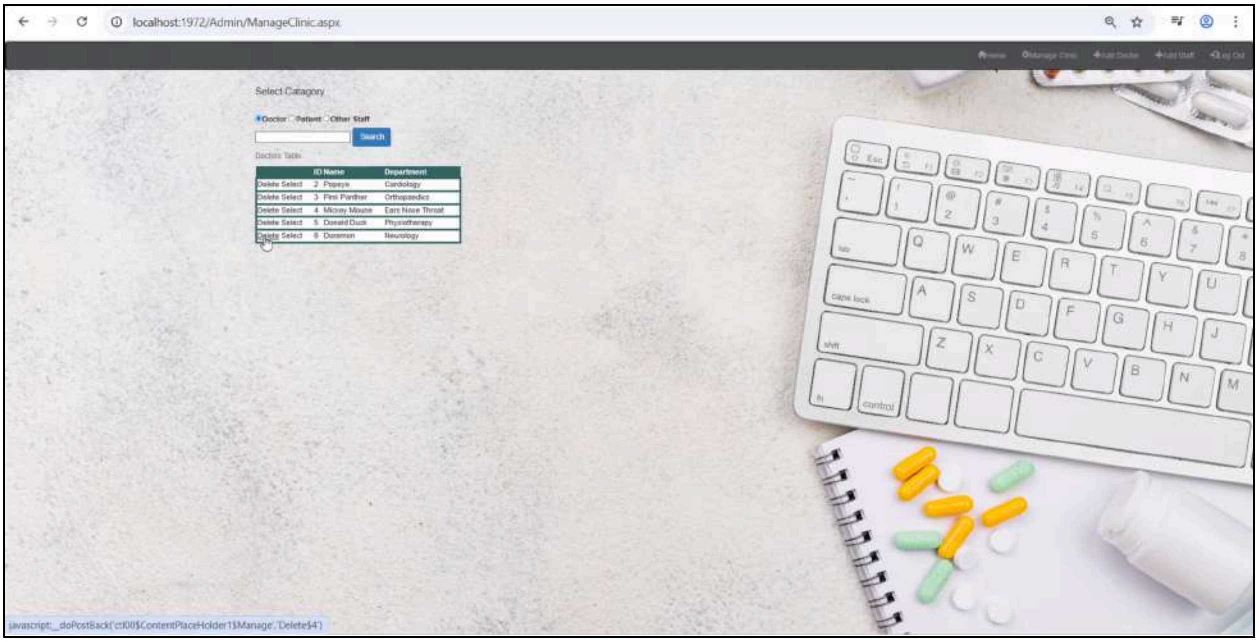
Current Appointments

AppointID	Name	PatientID	Date
7	Popeye7		4/7/2025 9:00:00 AM
8	Popeye7		4/7/2025 10:00:00 AM
9	Popeye7		4/7/2025 3:00:00 PM

DEPARTMENT INFORMATION

ID	Name	Description	Number of Doctors
1	Cardiology	The Department of Cardiology specializes in the diagnosis, treatment, and prevention of heart-related diseases and conditions.	1
2	Orthopaedics	The Department of Orthopaedics focuses on the diagnosis, treatment, and rehabilitation of musculoskeletal disorders, including bones, joints, ligaments, and muscles.	1
3	Ears Nose Throat	The Department of Ear, Nose, and Throat (ENT) specializes in the diagnosis and treatment of disorders related to the ear, nose, throat, head, and neck.	1
4	Physiotherapy	The Department of Physiotherapy focuses on restoring movement, function, and mobility through physical exercises, manual therapy, and rehabilitation techniques.	1
5	Neurology	The Department of Neurology specializes in the diagnosis and treatment of disorders affecting the brain, spinal cord, and nervous system.	1

- **The Administrator** will be able to see the details of all doctors, patients and other staff by clicking on **"Manage Clinic"**. The administrator will be able to add/delete any doctor/patient/staff.



Select Catagory

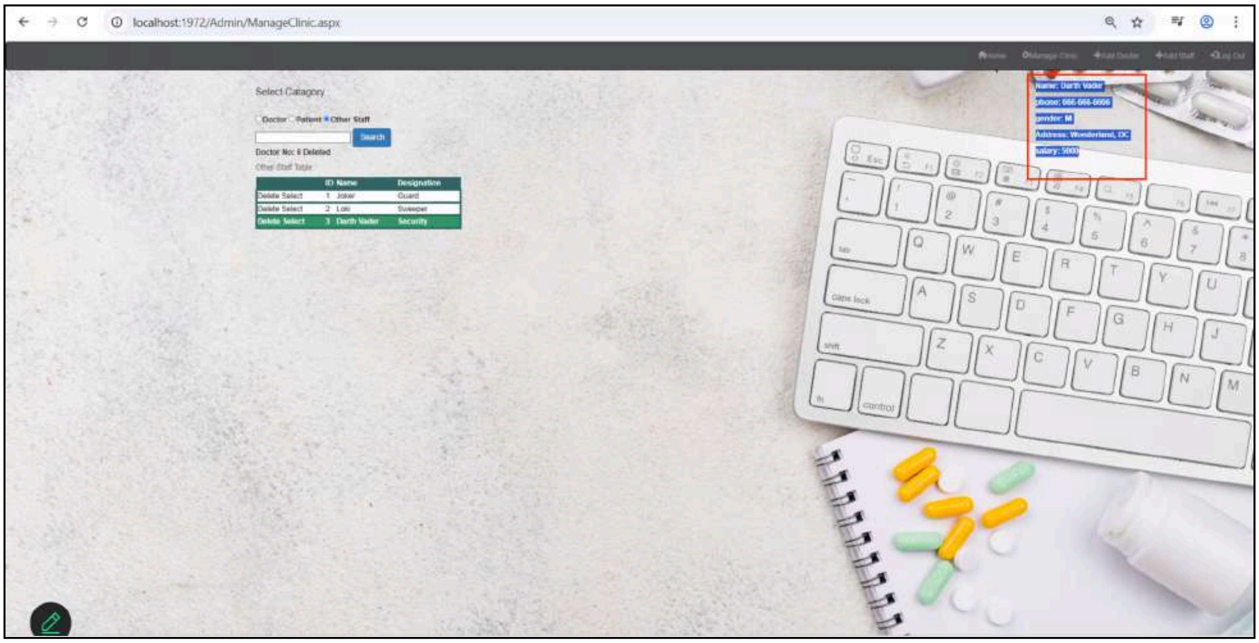
● Doctor ○ Patient ○ Other Staff

Search

Doctors Table

	ID	Name	Department
Delete Select	2	Popeye	Cardiology
Delete Select	3	Pink Panther	Orthopaedics
Delete Select	4	Mickey Mouse	Ears Nose Throat
Delete Select	5	Donald Duck	Physiotherapy
Delete Select	6	Doraemon	Neurology

javascript:__doPostBack('ctl00$ContentPlaceHolder1$Manage','Delete$4')



Select Catagory

○ Doctor ○ Patient ● Other Staff

Search

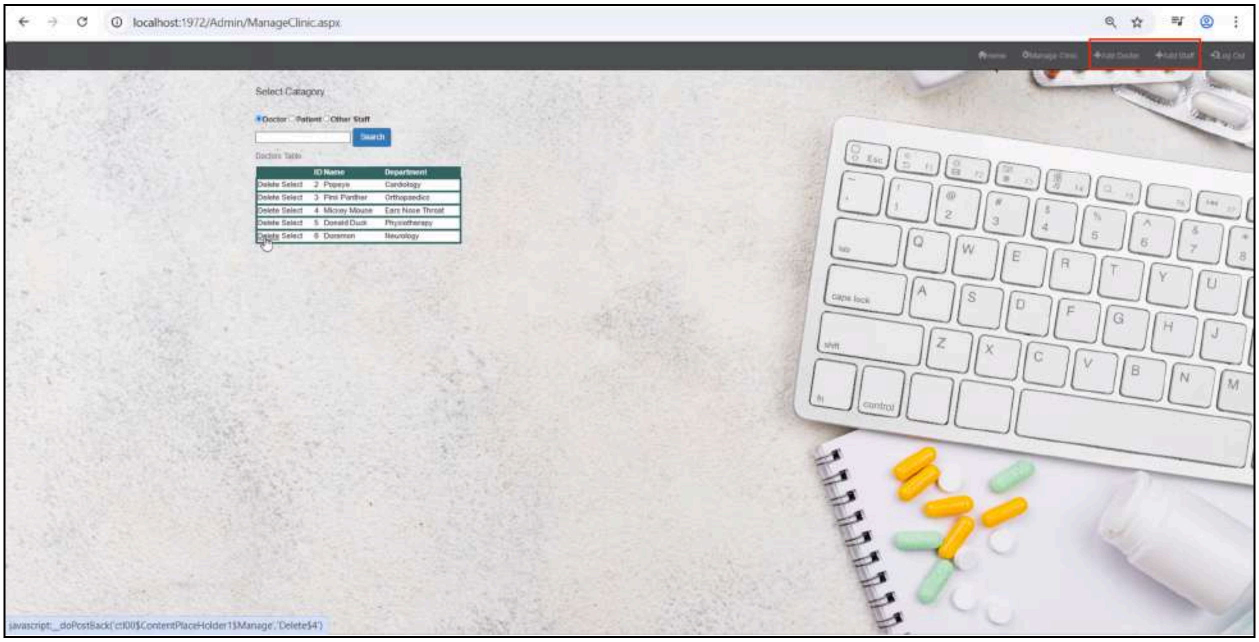
Doctor No: 6 Deleted

Other Staff Table

	ID	Name	Designation
Delete Select	1	Joker	Guard
Delete Select	2	Loki	Sweeper
Delete Select	3	Darth Vader	Security

Name: Darth Vader
phone: 666-666-6666
gender: M
Address: Wonderland, DC
salary: 5000

- The administrator will be able to add a new doctor/staff by clicking on the Add **doctor/staff button.**



Select Catagory

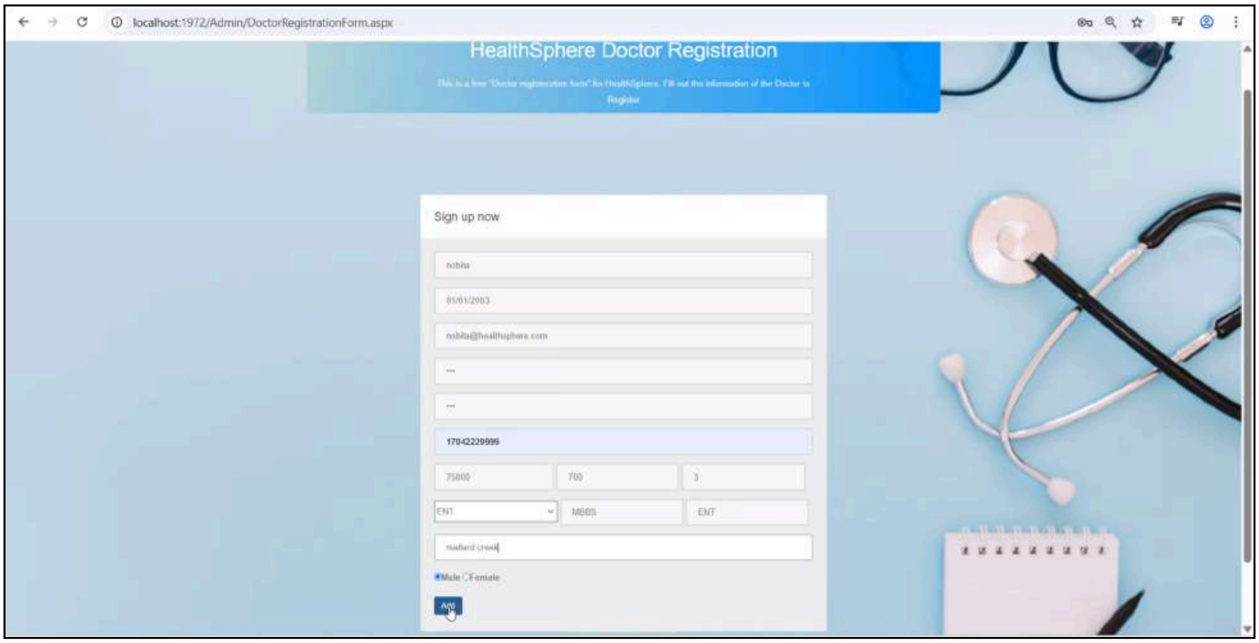
● Doctor ○ Patient ○ Other Staff

Search

Doctors Table

	ID	Name	Department
Delete Select	2	Popeye	Cardiology
Delete Select	3	Pink Panther	Orthopaedics
Delete Select	4	Mickey Mouse	Ears Nose Throat
Delete Select	5	Donald Duck	Physiotherapy
Delete Select	6	Doremon	Neurology

javascript:__doPostBack('ctl00$ContentPlaceHolder1$Manage','Delete$4')



HealthSphere Doctor Registration

This is a free "Doctor registration form" for HealthSphere. Fill out the information of the Doctor to Register

Sign up now

nobita

01/01/2003

nobita@healthsphere.com

···

···

17042229999

75000 | 700 | 3

ENT | MBBS | ENT

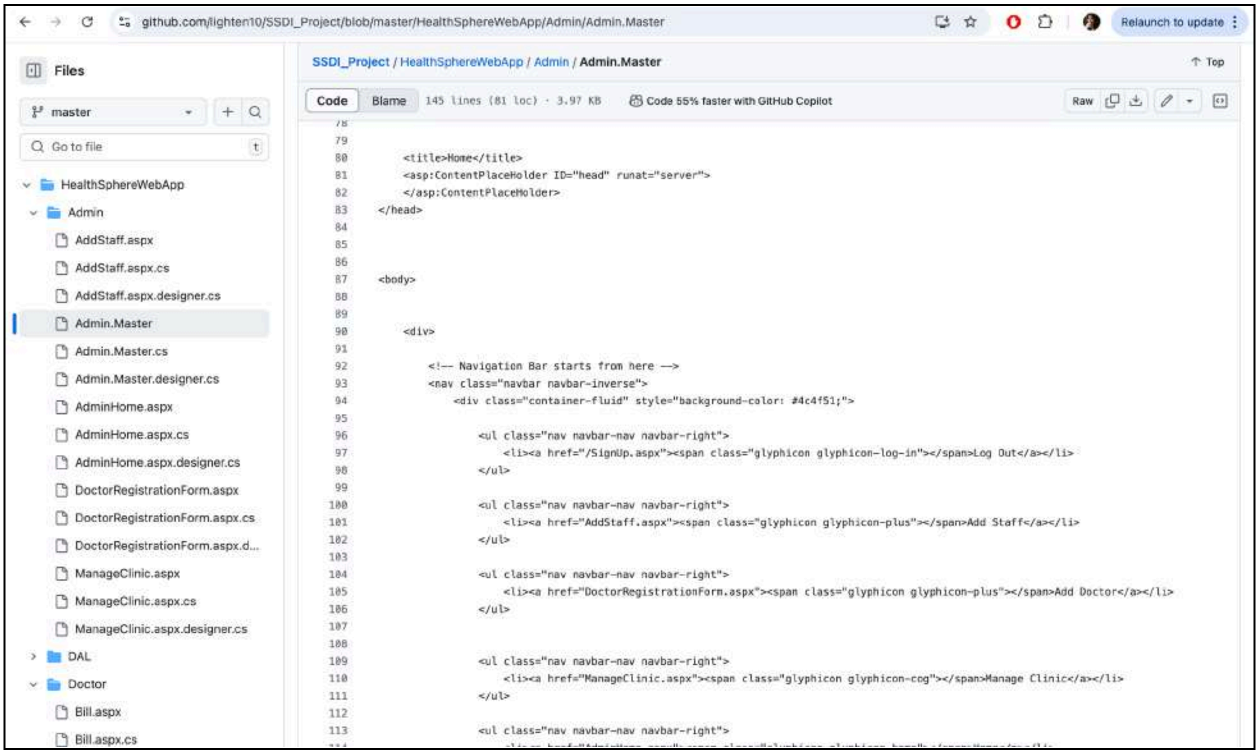
mallard creek

● Male ○ Female

Add

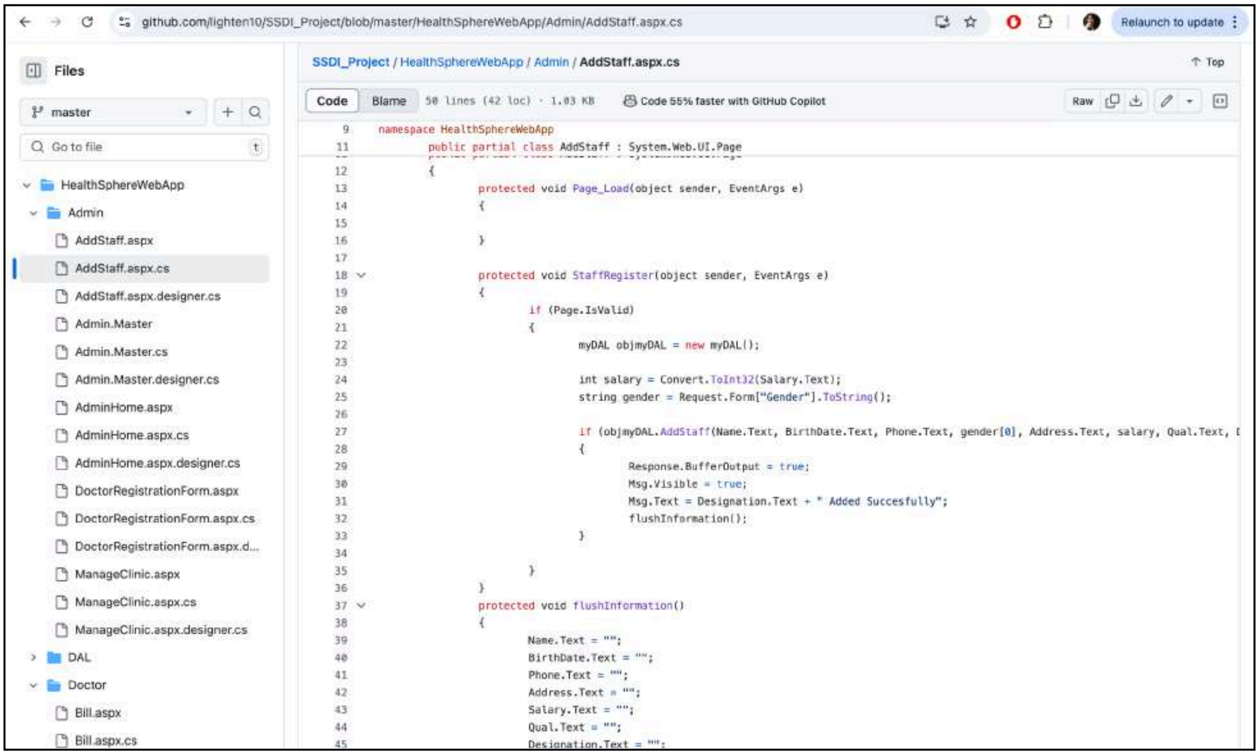
The screenshots shown below depict a few of the code fragments of the main scenarios of the **Administrator's** facilities.

AdminMaster:


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Admin/Admin.Master
Relaunch to update
Files
master
Go to file
HealthSphereWebApp
Admin
AddStaff.aspx
AddStaff.aspx.cs
AddStaff.aspx.designer.cs
Admin.Master
Admin.Master.cs
Admin.Master.designer.cs
AdminHome.aspx
AdminHome.aspx.cs
AdminHome.aspx.designer.cs
DoctorRegistrationForm.aspx
DoctorRegistrationForm.aspx.cs
DoctorRegistrationForm.aspx.d...
ManageClinic.aspx
ManageClinic.aspx.cs
ManageClinic.aspx.designer.cs
DAL
Doctor
Bill.aspx
Bill.aspx.cs
SSDI_Project / HealthSphereWebApp / Admin / Admin.Master
Top
Code
Blame
145 lines (81 loc) · 3.97 KB
Code 55% faster with GitHub Copilot
Raw

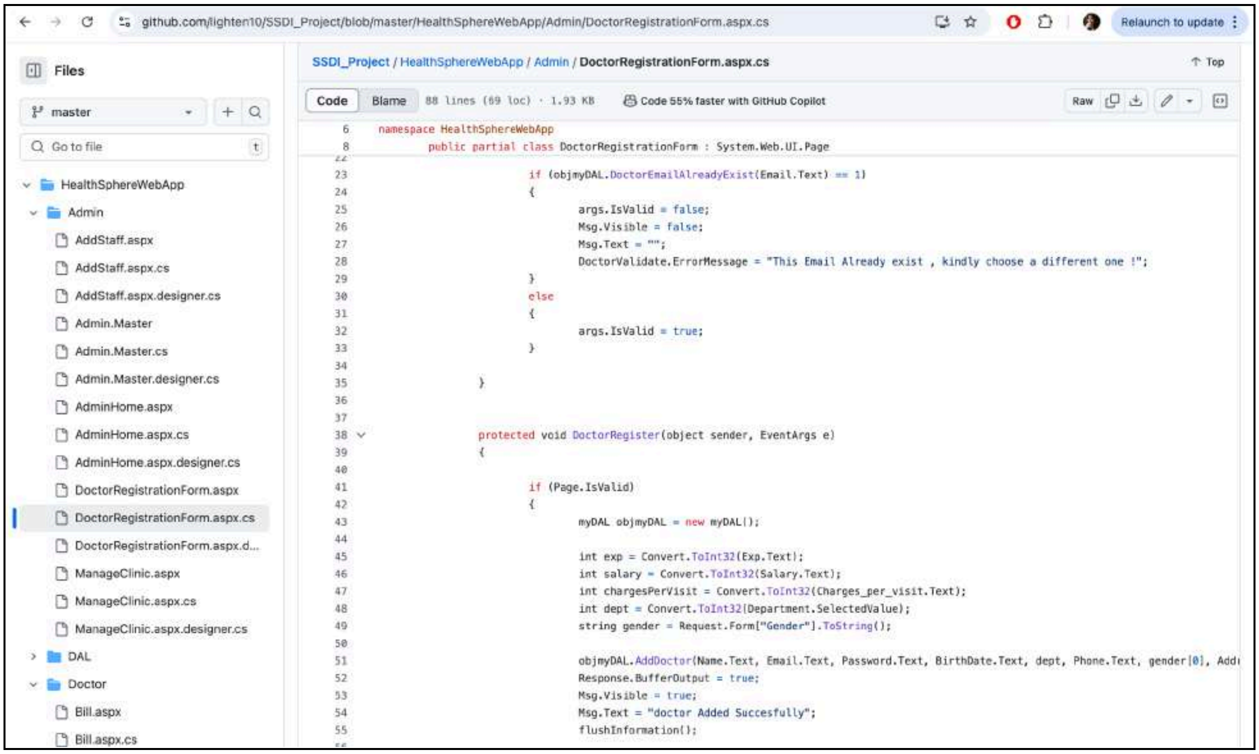
```


        <title>Home</title>
        <asp:ContentPlaceHolder ID="head" runat="server">
        </asp:ContentPlaceHolder>
    </head>



    <body>


        <div>

            <!-- Navigation Bar starts from here -->
            <nav class="navbar navbar-inverse">
                <div class="container-fluid" style="background-color: #4c4f51;">

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="/SignUp.aspx"><span class="glyphicon glyphicon-log-in"></span>Log Out</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="AddStaff.aspx"><span class="glyphicon glyphicon-plus"></span>Add Staff</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="DoctorRegistrationForm.aspx"><span class="glyphicon glyphicon-plus"></span>Add Doctor</a></li>
                    </ul>


                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="ManageClinic.aspx"><span class="glyphicon glyphicon-cog"></span>Manage Clinic</a></li>
                    </ul>

                    <ul class="nav navbar-nav navbar-right">
```

AddStaff.axpx


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Admin/AddStaff.aspx.cs
Relaunch to update
Files
master
Go to file
HealthSphereWebApp
Admin
AddStaff.aspx
AddStaff.aspx.cs
AddStaff.aspx.designer.cs
Admin.Master
Admin.Master.cs
Admin.Master.designer.cs
AdminHome.aspx
AdminHome.aspx.cs
AdminHome.aspx.designer.cs
DoctorRegistrationForm.aspx
DoctorRegistrationForm.aspx.cs
DoctorRegistrationForm.aspx.d...
ManageClinic.aspx
ManageClinic.aspx.cs
ManageClinic.aspx.designer.cs
DAL
Doctor
Bill.aspx
Bill.aspx.cs
SSDI_Project / HealthSphereWebApp / Admin / AddStaff.aspx.cs
Top
Code
Blame
50 lines (42 loc) · 1.03 KB
Code 55% faster with GitHub Copilot
Raw

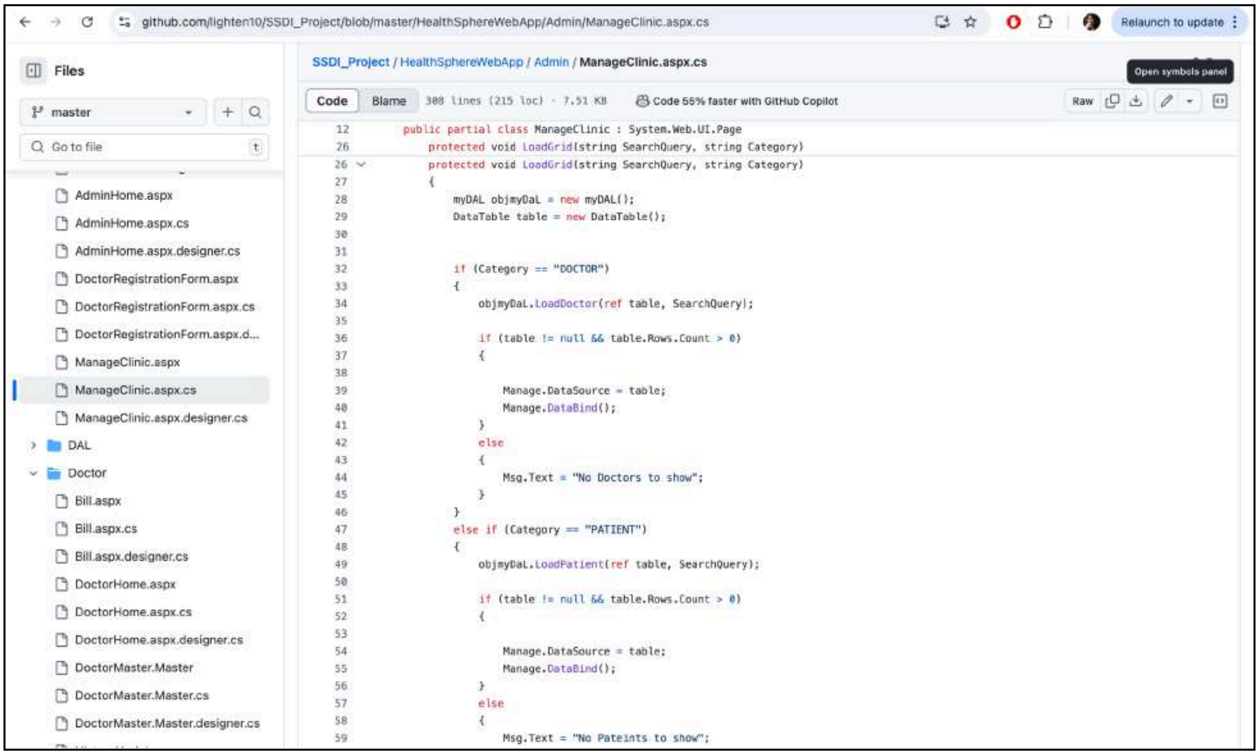
```
namespace HealthSphereWebApp
        public partial class AddStaff : System.Web.UI.Page
        {
                protected void Page_Load(object sender, EventArgs e)
                {

                }

                protected void StaffRegister(object sender, EventArgs e)
                {
                        if (Page.IsValid)
                        {
                                myDAL objmyDAL = new myDAL();

                                int salary = Convert.ToInt32(Salary.Text);
                                string gender = Request.Form["Gender"].ToString();

                                if (objmyDAL.AddStaff(Name.Text, BirthDate.Text, Phone.Text, gender[0], Address.Text, salary, Qual.Text, D
                                {
                                        Response.BufferOutput = true;
                                        Msg.Visible = true;
                                        Msg.Text = Designation.Text + " Added Succesfully";
                                        flushInformation();
                                }

                        }
                }
                protected void flushInformation()
                {
                        Name.Text = "";
                        BirthDate.Text = "";
                        Phone.Text = "";
                        Address.Text = "";
                        Salary.Text = "";
                        Qual.Text = "";
                        Designation.Text = "";
```

DoctorRegistrationForm.axpx


github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Admin/DoctorRegistrationForm.aspx.cs
Relaunch to update
Files
master
Go to file
t
HealthSphereWebApp
Admin
AddStaff.aspx
AddStaff.aspx.cs
AddStaff.aspx.designer.cs
Admin.Master
Admin.Master.cs
Admin.Master.designer.cs
AdminHome.aspx
AdminHome.aspx.cs
AdminHome.aspx.designer.cs
DoctorRegistrationForm.aspx
DoctorRegistrationForm.aspx.cs
DoctorRegistrationForm.aspx.d...
ManageClinic.aspx
ManageClinic.aspx.cs
ManageClinic.aspx.designer.cs
DAL
Doctor
Bill.aspx
Bill.aspx.cs
SSDI_Project / HealthSphereWebApp / Admin / DoctorRegistrationForm.aspx.cs
Top
Code
Blame
88 lines (69 loc) · 1.93 KB
Code 55% faster with GitHub Copilot
Raw

```
namespace HealthSphereWebApp
    public partial class DoctorRegistrationForm : System.Web.UI.Page
            if (objmyDAL.DoctorEmailAlreadyExist(Email.Text) == 1)
            {
                args.IsValid = false;
                Msg.Visible = false;
                Msg.Text = "";
                DoctorValidate.ErrorMessage = "This Email Already exist , kindly choose a different one !";
            }
            else
            {
                args.IsValid = true;
            }

        }


        protected void DoctorRegister(object sender, EventArgs e)
        {

            if (Page.IsValid)
            {
                myDAL objmyDAL = new myDAL();

                int exp = Convert.ToInt32(Exp.Text);
                int salary = Convert.ToInt32(Salary.Text);
                int chargesPerVisit = Convert.ToInt32(Charges_per_visit.Text);
                int dept = Convert.ToInt32(Department.SelectedValue);
                string gender = Request.Form["Gender"].ToString();

                objmyDAL.AddDoctor(Name.Text, Email.Text, Password.Text, BirthDate.Text, dept, Phone.Text, gender[0], Addi
                Response.BufferOutput = true;
                Msg.Visible = true;
                Msg.Text = "doctor Added Succesfully";
                flushInformation();
```

ManageClinic.axpx

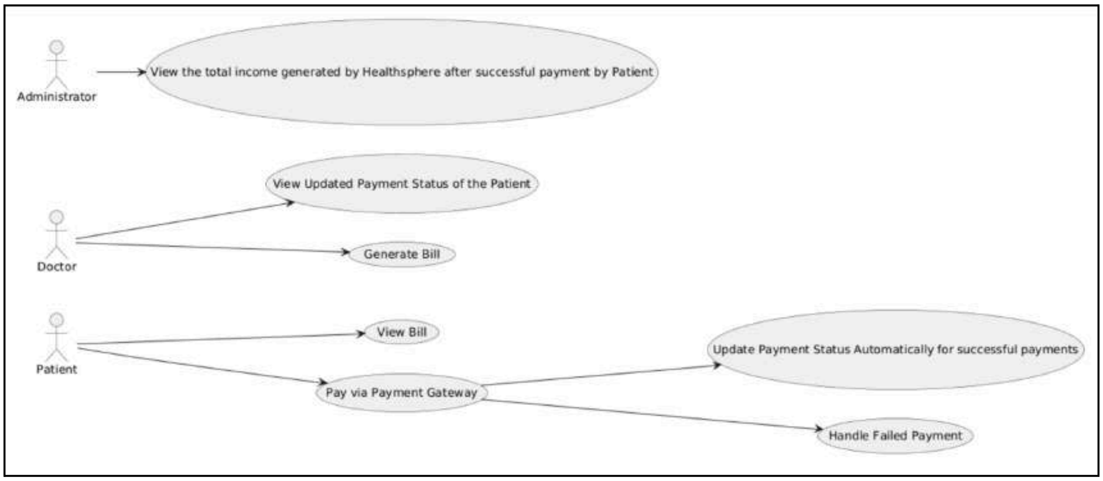

github.com/lighten10/SSDI_Project/blob/master/HealthSphereWebApp/Admin/ManageClinic.aspx.cs
Relaunch to update
Files
master
Go to file
t
AdminHome.aspx
AdminHome.aspx.cs
AdminHome.aspx.designer.cs
DoctorRegistrationForm.aspx
DoctorRegistrationForm.aspx.cs
DoctorRegistrationForm.aspx.d...
ManageClinic.aspx
ManageClinic.aspx.cs
ManageClinic.aspx.designer.cs
DAL
Doctor
Bill.aspx
Bill.aspx.cs
Bill.aspx.designer.cs
DoctorHome.aspx
DoctorHome.aspx.cs
DoctorHome.aspx.designer.cs
DoctorMaster.Master
DoctorMaster.Master.cs
DoctorMaster.Master.designer.cs
SSDI_Project / HealthSphereWebApp / Admin / ManageClinic.aspx.cs
Open symbols panel
Code
Blame
308 lines (215 loc) · 7.51 KB
Code 55% faster with GitHub Copilot
Raw

```
    public partial class ManageClinic : System.Web.UI.Page
        protected void LoadGrid(string SearchQuery, string Category)
        protected void LoadGrid(string SearchQuery, string Category)
        {
            myDAL objmyDaL = new myDAL();
            DataTable table = new DataTable();


            if (Category == "DOCTOR")
            {
                objmyDaL.LoadDoctor(ref table, SearchQuery);

                if (table != null && table.Rows.Count > 0)
                {

                    Manage.DataSource = table;
                    Manage.DataBind();
                }
                else
                {
                    Msg.Text = "No Doctors to show";
                }
            }
            else if (Category == "PATIENT")
            {
                objmyDaL.LoadPatient(ref table, SearchQuery);

                if (table != null && table.Rows.Count > 0)
                {

                    Manage.DataSource = table;
                    Manage.DataBind();
                }
                else
                {
                    Msg.Text = "No Pateints to show";
```

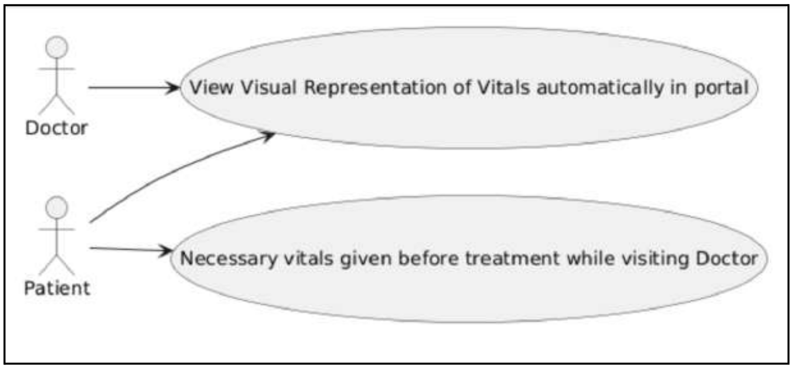
Walkthrough of 2 additional scenarios (can be implemented in future scope)

- **Payment gateway** can be included as a part of the Health sphere in future scope, which would be accessible by the Administrator and Patients. Now, payment is done manually with cash/debit/credit cards, but there is no such provision on the website. With the help of a payment gateway, the process then starts with the treatment bill that pops up in the patient portal, the patient can pay the amount through online credit/debit card mode, and the payment status of the treatment updates to "paid" automatically in case of successful payments. Now, the doctor manually updates the status as paid or unpaid after the patient pays offline. Also, once the patient successfully pays the bill, the administrator can see the updated total income generated by Healthsphere.

  Small use case diagram to demonstrate the scenario:


Administrator
View the total income generated by Healthsphere after successful payment by Patient
View Updated Payment Status of the Patient
Doctor
Generate Bill
View Bill
Patient
Update Payment Status Automatically for successful payments
Pay via Payment Gateway
Handle Failed Payment

- Now, the Doctor has the provision to update the case history of the patient,which can include the necessary vitals of the patient as well. But, in future scope, t**he latest vitals of the patient can be demonstrated in the form of a visual representation, say bar graph/pie chart** showing how well the patient has progressed from earlier or has deteriorated. The visual representation should be accessible in both the patient's portal and the doctor's portal treating the patient.


Doctor
View Visual Representation of Vitals automatically in portal
Patient
Necessary vitals given before treatment while visiting Doctor