

Healthcare Management System

Create a Healthcare Management System to manage patient records, appointments, and treatments. Implement CRUD operations for patient data, appointment scheduling, and treatment plans, with search functionality for patients and appointments using ADO.NET.

Sign Up Form:

SignUp

SIGN UP

USER NAME:

EMAIL ID:

PASSWORD:

CONFIRM PASSWORD:

Already you have a account? [SIGN IN](#)

SUBMIT



Sign In Form:


SignIn

SIGN IN

USERNAME:

PASSWORD:

SIGN IN



Main Form:



Manage Patient Form:

The screenshot shows a window titled "ManagePatientForm" with a background image of a stethoscope and a "PATIENT REGISTRATION" form. The form contains several input fields and buttons. The input fields are labeled: "PATIENTID:", "NAME:", "AGE:", "GENDER:", "ADDRESS:", and "CONTACTINFO:". Below these fields are five buttons: "ADD", "UPDATE", "DELETE", "SEARCH", and "DISPLAY". A "BACK" button is located below the "DELETE" button. A large, empty rectangular box is positioned to the right of the input fields.

Manage Appointment Form:

ManageAppointmentsForm

APPOINTMENTID:

PATIENTID:

DOCTORID:

APPOINTMENTDATE:28 August 2024

APPOINTMENTTIME:28 August 2024

STATUS:

ADD

UPDATE

DELETE

SEARCH

DISPLAY

BACK

COUNT

ANSWER

Manage TreatementPlans Form:

ManageTreatmentPlansForm

TREATMENTPLANID:

PATIENTID:

DOCTORID:

TREATMENTDETAILS:

STARTDATE:28 August 2024

ENDDATE:28 August 2024

ADD

UPDATE

DELETE

SEARCH

DISPLAY

BACK

DataBase Name: HealthcareManagementSystem

In HealthcareManagementSystem have 5 tables.

1.SignUp

Query:

```
create Table SignIn (  
  UserName Nvarchar(50),  
  Password Nvarchar(50));
```

2.SignIn

Query:

```
create Table SignUp(  
  UserName Nvarchar(50),  
  EmailId Nvarchar(50),  
  Password Nvarchar(50),  
  ConfirmPassword Nvarchar(50));
```

3. Patients

Query:

```
CREATE TABLE Patients (  
  PatientID INT PRIMARY KEY,  
  Name NVARCHAR(100),  
  Age INT,  
  Gender NVARCHAR(10),  
  Address NVARCHAR(200),  
  ContactInfo NVARCHAR(50));
```

4. Appointments

Query:

```
CREATE TABLE Appointments (  
  AppointmentID INT PRIMARY KEY,  
  PatientID INT FOREIGN KEY REFERENCES Patients(PatientID),  
  DoctorID INT,  
  AppointmentDate DATE,  
  AppointmentTime TIME,  
  Status NVARCHAR(50));
```

5. TreatmentPlans

Query:

```
CREATE TABLE TreatmentPlans (  
    TreatmentPlanID INT PRIMARY KEY,  
    PatientID INT FOREIGN KEY REFERENCES Patients(PatientID),  
    TreatmentDetails NVARCHAR(MAX),  
    StartDate DATE,  
    EndDate DATE,  
    DoctorID INT  
);
```

OUTPUT:

In sign up page password and confirm password must be same,else it show messagebox.



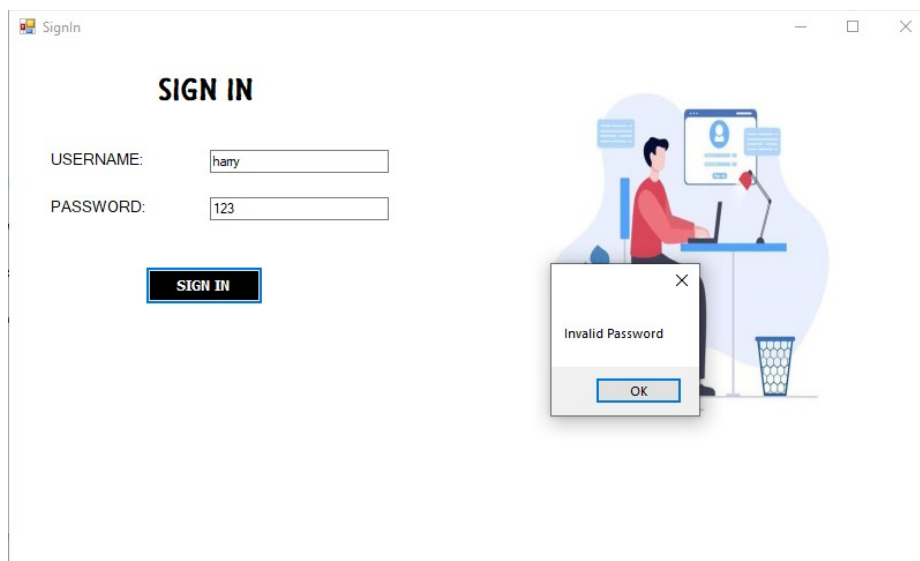
The screenshot displays a web browser window titled "SignUp". The main content area features a "SIGN UP" form with the following fields and values:

- USER NAME:** Harry
- EMAIL ID:** hary@gmail.com
- PASSWORD:** 1234
- CONFIRM PASSWORD:** 123

Below the form, there is a link: "Already you have a account? [SIGN IN](#)". At the bottom of the form is a "SUBMIT" button.

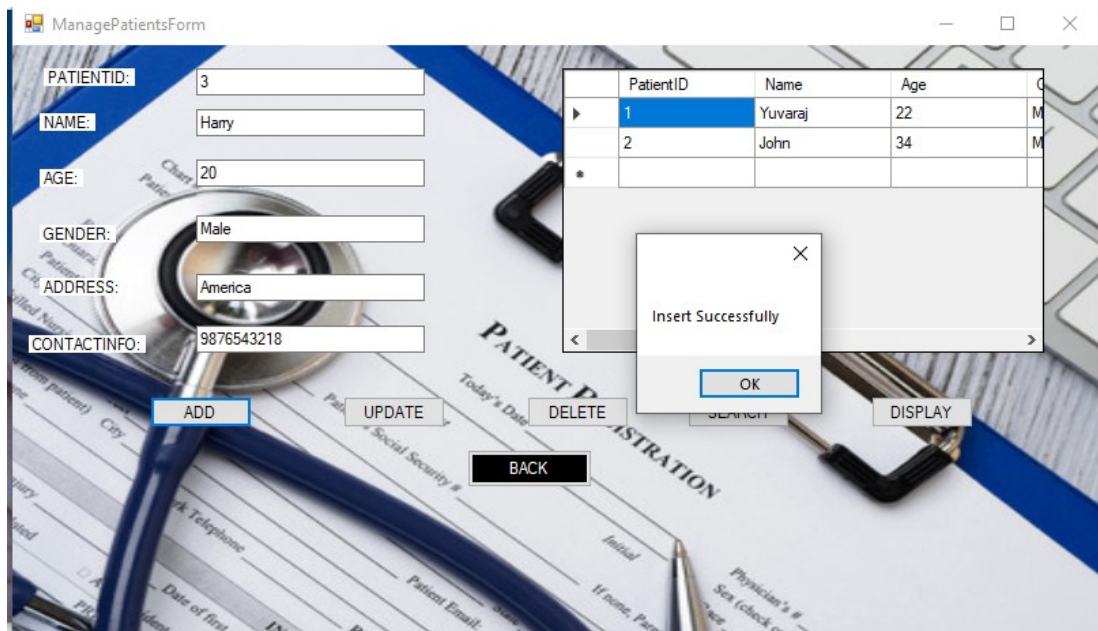
An error message box is overlaid on the right side of the form, stating: "Password and Confirm Password must be same". The message box has an "OK" button.

In Login form also provide correct username and password,else it show messagebox.



After Login:

Patient record is inserted:



Display the Patient Records:

	PatientID	Name	Age	G
▶	1	Yuvaraj	22	Ma
	2	John	34	Ma
	3	Harry	20	Ma
*				

Delete the Patient Records using patientid:

The screenshot shows the 'ManagePatientsForm' application. On the left, there are input fields for PatientID (3), NAME, AGE, GENDER, ADDRESS, and CONTACTINFO, along with buttons for ADD, UPDATE, DELETE, and BACK. On the right, a table displays patient records. The 'DELETE' button is highlighted. A small dialog box in the center-right says 'Record deleted successfully' with an OK button.

PatientID	Name	Age	G
1	Yuvaraj	22	Ma
2	John	34	Ma
3	Harry	20	Ma

Search using PatientId:

The screenshot shows the 'ManagePatientsForm' application with the search function active. The input fields on the left are filled with PatientID: 1, NAME: Yuvaraj, AGE: 22, GENDER: Male, ADDRESS: Kumbakonam, and CONTACTINFO: 987654321. The 'SEARCH' button is highlighted. A large, empty white box is visible on the right side of the form.

Record inserted in Appointment:

ManageAppointmentsForm

APPOINTMENTID: 3

PATIENTID: 1

DOCTORID: 1

APPOINTMENTDATE: 28 August 2024

APPOINTMENTTIME: 28 August 2024

STATUS: Confirm

ADD UPDATE DELETE SEARCH BACK

AppointmentID	PatientID	DoctorID
1	1	1
2	2	2
*		

Insert Successfully

OK

Update Operation:

ManageAppointmentsForm

APPOINTMENTID: 3

PATIENTID:

DOCTORID:

APPOINTMENTDATE: 28 August 2024

APPOINTMENTTIME: 28 August 2024

STATUS: Nont Confirm

ADD UPDATE DELETE SEARCH BACK

AppointmentID	PatientID	DoctorID
1	1	1
2	2	2
*		

Record updated successfully

OK

Count :

AppointmentID	PatientID	DoctorID
1	1	1
2	2	2
3	1	1
*		

SEARCH DISPLAY COUNT 3

Record inserted in TreatmentPlans:

The screenshot shows a web application window titled "ManageTreatmentPlansForm". On the left, there is a form with the following fields and values:

- TREATMENTPLANID: 3
- PATIENTID: 2
- DOCTORID: 2
- TREATMENTDETAILS: Lung disease
- STARTDATE: 29 August 2024
- ENDDATE: 31 August 2024

Below the form are buttons for "ADD", "UPDATE", "DELETE", and "BACK". On the right, a table displays the current state of the TreatmentPlans:

TreatmentPlanID	PatientID	Treatment
1	1	Fever
2	1	Heart Atta
*		

An "Insert Successfully" dialog box is open in the center, with an "OK" button. The background features a decorative image of a vaccine vial labeled "VACCIN" and green virus-like particles.

Displaying Records:

The screenshot shows the application interface with a "DISPLAY" button highlighted. The table below displays the records:

	TreatmentPlanID	PatientID	Treatment
▶	1	1	Fever
	2	1	Heart Atta
	3	2	Lung disea
*			

The background features a decorative image of a vaccine vial labeled "VACCIN" and green virus-like particles.

Click SignOut:



After SignOut it goes to SignIn Form:

