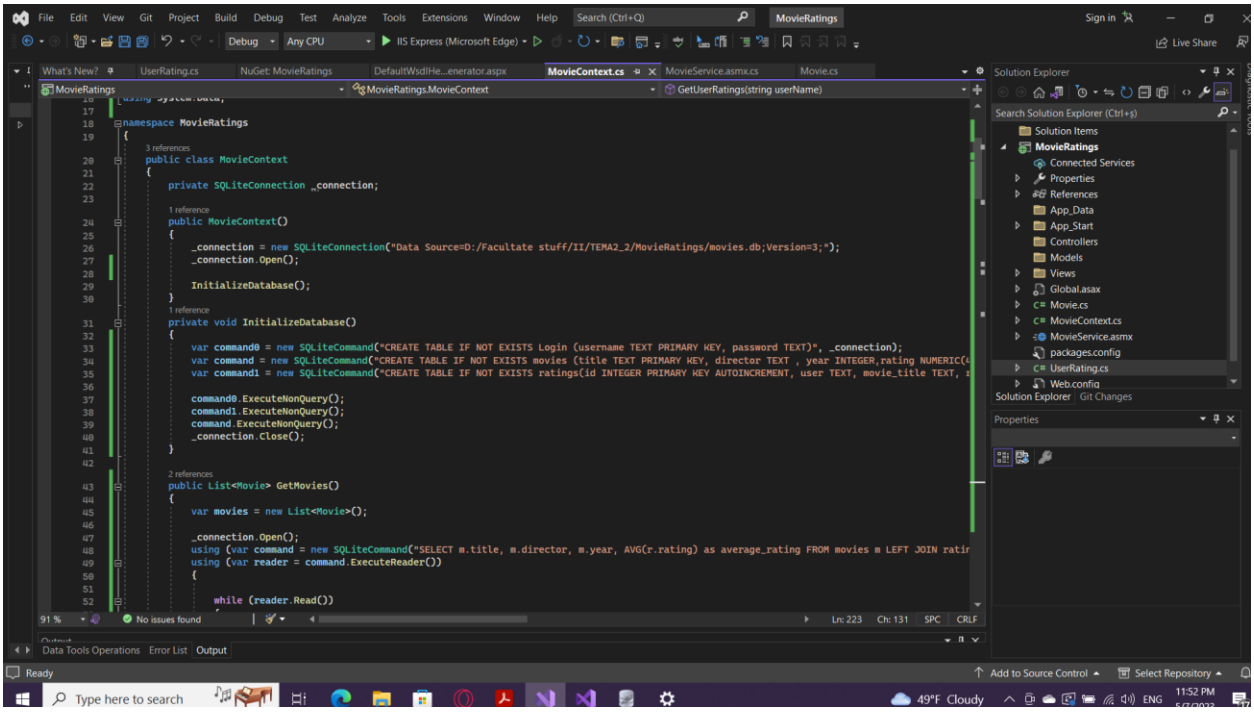
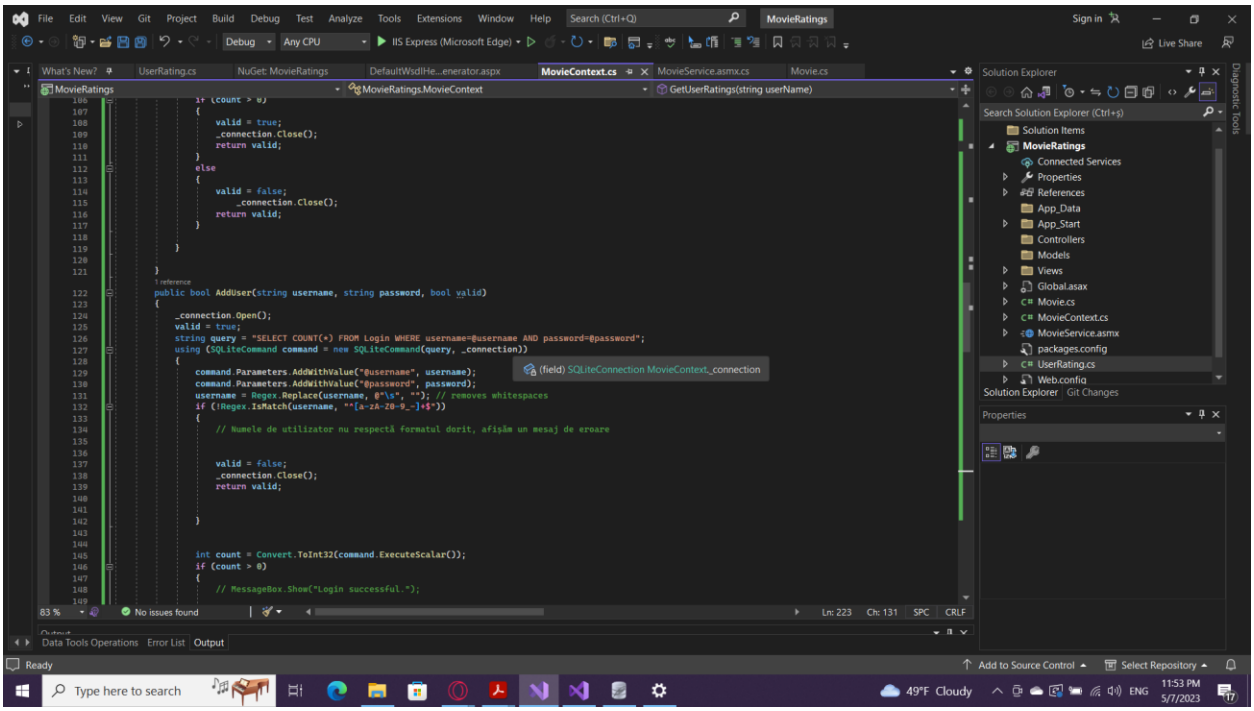
TEMA 2 – Poran Tudor -Gr.30131

Această aplicație permite utilizatorilor să acceseze și să interacționeze cu o bază de date care conține informații despre filme, printre care și un rating mediu al celorlalți utilizatori. Fiecare utilizator în parte poate să își vadă propriile rating-uri și să adauge filme noi in baza de date, pentru a fi notate/evaluate de restul utilizatorilor.

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GetUserRatings(string userName)
if (count > 0)
{
valid = true;
_connection.Close();
return valid;
}
else
{
valid = false;
_connection.Close();
return valid;
}
}
}
1 reference
public bool AddUser(string username, string password, bool valid)
{
_connection.Open();
valid = true;
string query = "SELECT COUNT(*) FROM Login WHERE username=@username AND password=@password";
using (SQLiteCommand command = new SQLiteCommand(query, _connection))
{
command.Parameters.AddWithValue("@username", username);
command.Parameters.AddWithValue("@password", password);
username = Regex.Replace(username, @"\s", ""); // removes whitespaces
if (!Regex.IsMatch(username, "^[a-zA-Z0-9_-]+$"))
{
// Numele de utilizator nu respectă formatul dorit, afișăm un mesaj de eroare
valid = false;
_connection.Close();
return valid;
}
int count = Convert.ToInt32(command.ExecuteScalar());
if (count > 0)
{
// MessageBox.Show("Login successful.");
(field) SQLiteConnection MovieContext._connection
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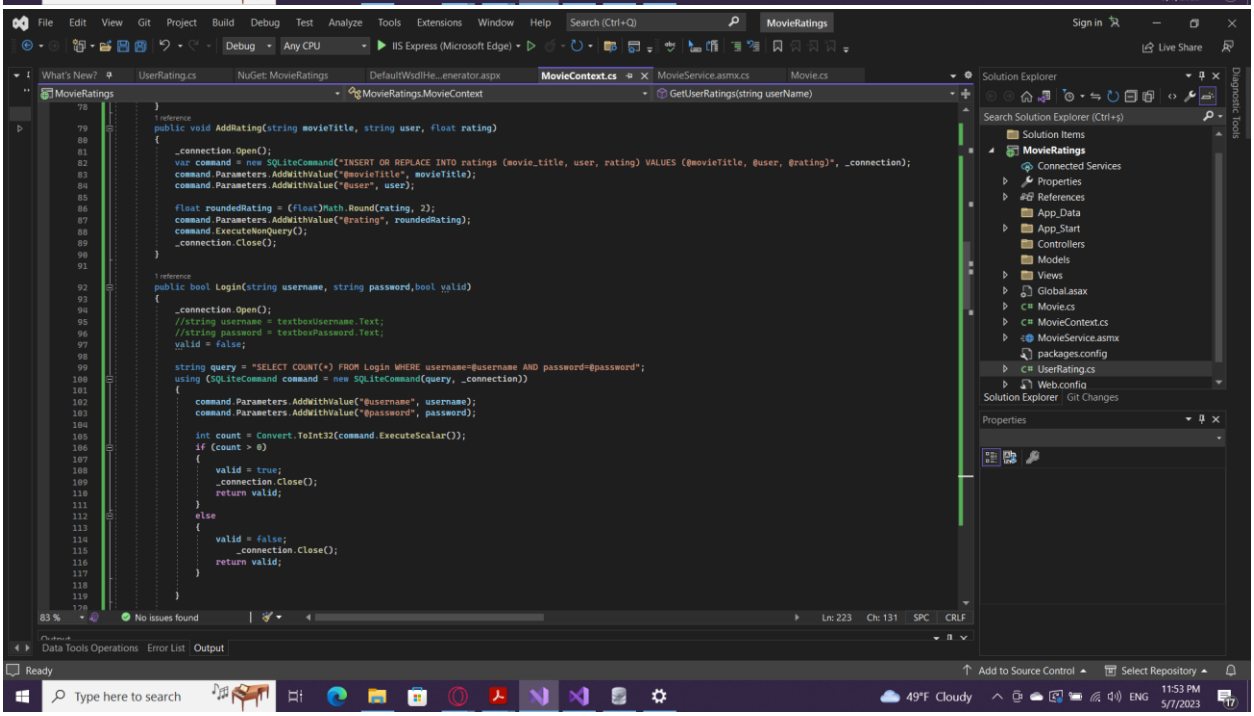
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MovieRatings
MovieRatings.MovieContext
GetUserRatings(string userName)
}
1 reference
public void AddRating(string movieTitle, string user, float rating)
{
_connection.Open();
var command = new SQLiteCommand("INSERT OR REPLACE INTO ratings (movie_title, user, rating) VALUES (@movieTitle, @user, @rating)", _connection);
command.Parameters.AddWithValue("@movieTitle", movieTitle);
command.Parameters.AddWithValue("@user", user);
float roundedRating = (float)Math.Round(rating, 2);
command.Parameters.AddWithValue("@rating", roundedRating);
command.ExecuteNonQuery();
_connection.close();
}
1 reference
public bool Login(string username, string password,bool valid)
{
_connection.Open();
//string username = textboxUsername.Text;
//string password = textboxPassword.Text;
valid = false;
string query = "SELECT COUNT(*) FROM Login WHERE username=@username AND password=@password";
using (SQLiteCommand command = new SQLiteCommand(query, _connection))
{
command.Parameters.AddWithValue("@username", username);
command.Parameters.AddWithValue("@password", password);
int count = Convert.ToInt32(command.ExecuteScalar());
if (count > 0)
{
valid = true;
_connection.Close();
return valid;
}
else
{
valid = false;
_connection.Close();
return valid;
}
}
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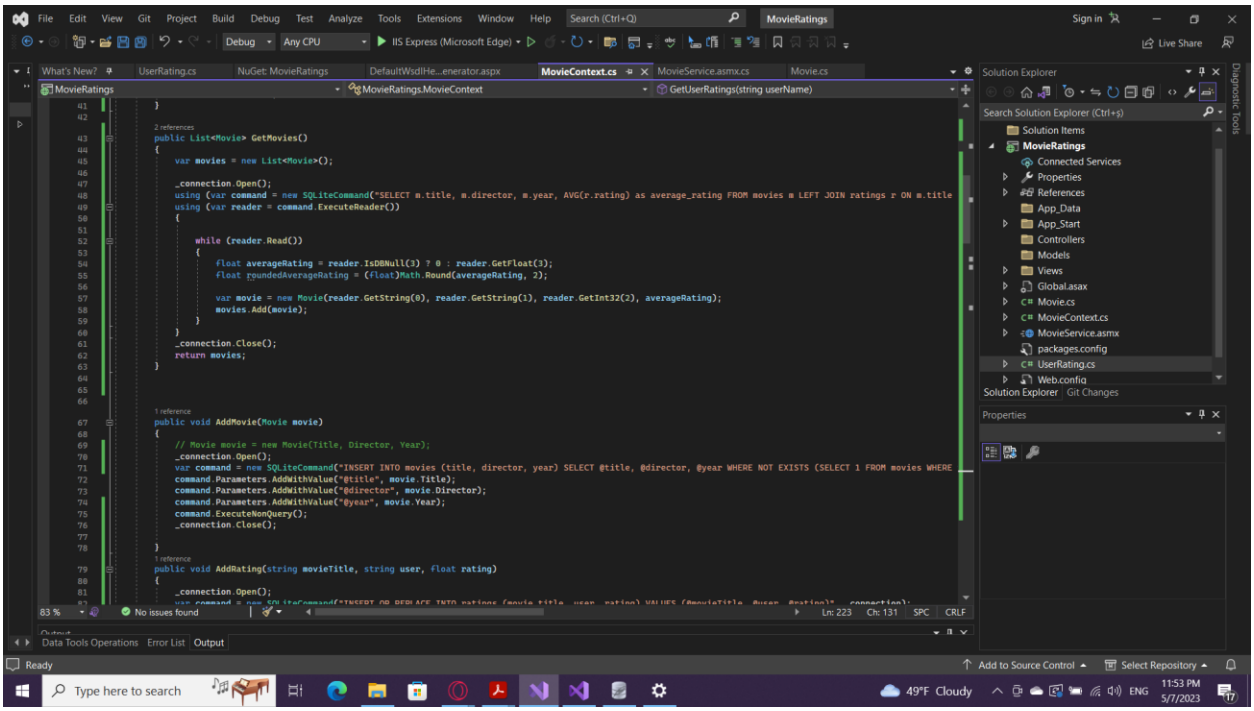
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Movie.cs
MovieRatings
MovieRatings.MovieContext
GetUserRatings(string userName)
}
2 references
public List<Movie> GetMovies()
{
var movies = new List<Movie>();
_connection.Open();
using (var command = new SQLiteCommand("SELECT m.title, m.director, m.year, AVG(r.rating) as average_rating FROM movies m LEFT JOIN ratings r ON m.title
using (var reader = command.ExecuteReader())
{
while (reader.Read())
{
float averageRating = reader.IsDBNull(3) ? 0 : reader.GetFloat(3);
float roundedAverageRating = (float)Math.Round(averageRating, 2);
var movie = new Movie(reader.GetString(0), reader.GetString(1), reader.GetInt32(2), averageRating);
movies.Add(movie);
}
}
_connection.Close();
return movies;
}
1 reference
public void AddMovie(Movie movie)
{
// Movie movie = new Movie(Title, Director, Year);
_connection.Open();
var command = new SQLiteCommand("INSERT INTO movies (title, director, year) SELECT @title, @director, @year WHERE NOT EXISTS (SELECT 1 FROM movies WHERE
command.Parameters.AddWithValue("@title", movie.Title);
command.Parameters.AddWithValue("@director", movie.Director);
command.Parameters.AddWithValue("@year", movie.Year);
command.ExecuteNonQuery();
_connection.close();
}
1 reference
public void AddRating(string movieTitle, string user, float rating)
{
_connection.Open();
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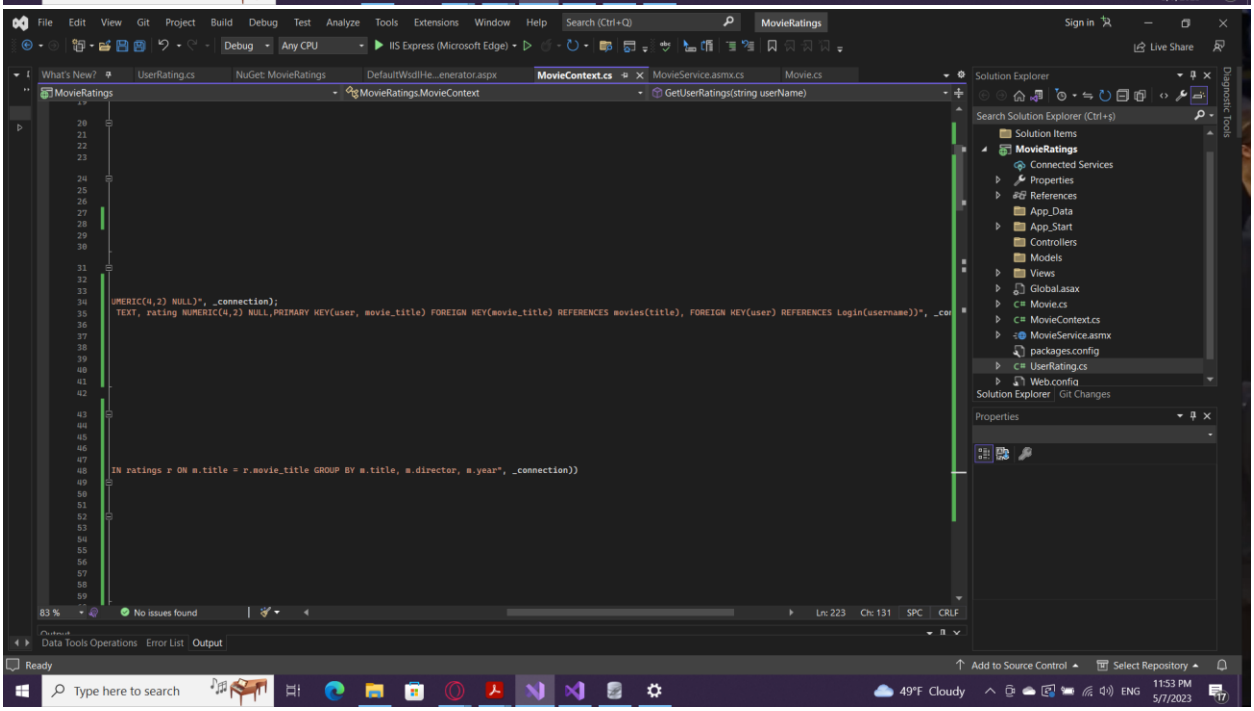
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MovieRatings
MovieRatings.MovieContext
GetUserRatings(string userName)
UMERIC(4,2) NULL)", _connection);
TEXT, rating NUMERIC(4,2) NULL,PRIMARY KEY(user, movie_title) FOREIGN KEY(movie_title) REFERENCES movies(title), FOREIGN KEY(user) REFERENCES Login(username))", _co
IN ratings r ON m.title = r.movie_title GROUP BY m.title, m.director, m.year", _connection))
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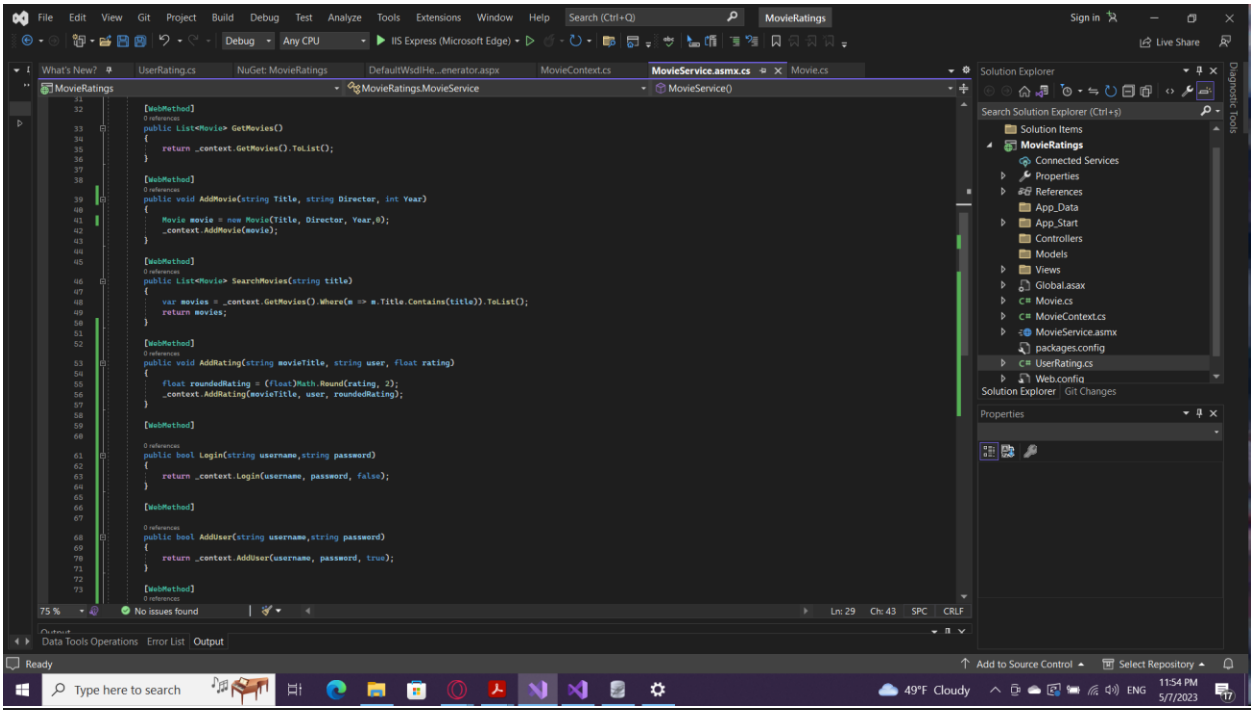
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MovieService()
[WebMethod]
0 references
public List<Movie> GetMovies()
{
return _context.GetMovies().ToList();
}
[WebMethod]
0 references
public void AddMovie(string Title, string Director, int Year)
{
Movie movie = new Movie(Title, Director, Year,0);
_context.AddMovie(movie);
}
[WebMethod]
0 references
public List<Movie> SearchMovies(string title)
{
var movies = _context.GetMovies().Where(m => m.Title.Contains(title)).ToList();
return movies;
}
[WebMethod]
0 references
public void AddRating(string movieTitle, string user, float rating)
{
float roundedRating = (float)Math.Round(rating, 2);
_context.AddRating(movieTitle, user, roundedRating);
}
[WebMethod]
0 references
public bool Login(string username,string password)
{
return _context.Login(username, password, false);
}
[WebMethod]
0 references
public bool AddUser(string username,string password)
{
return _context.AddUser(username, password, true);
}
[WebMethod]
0 references
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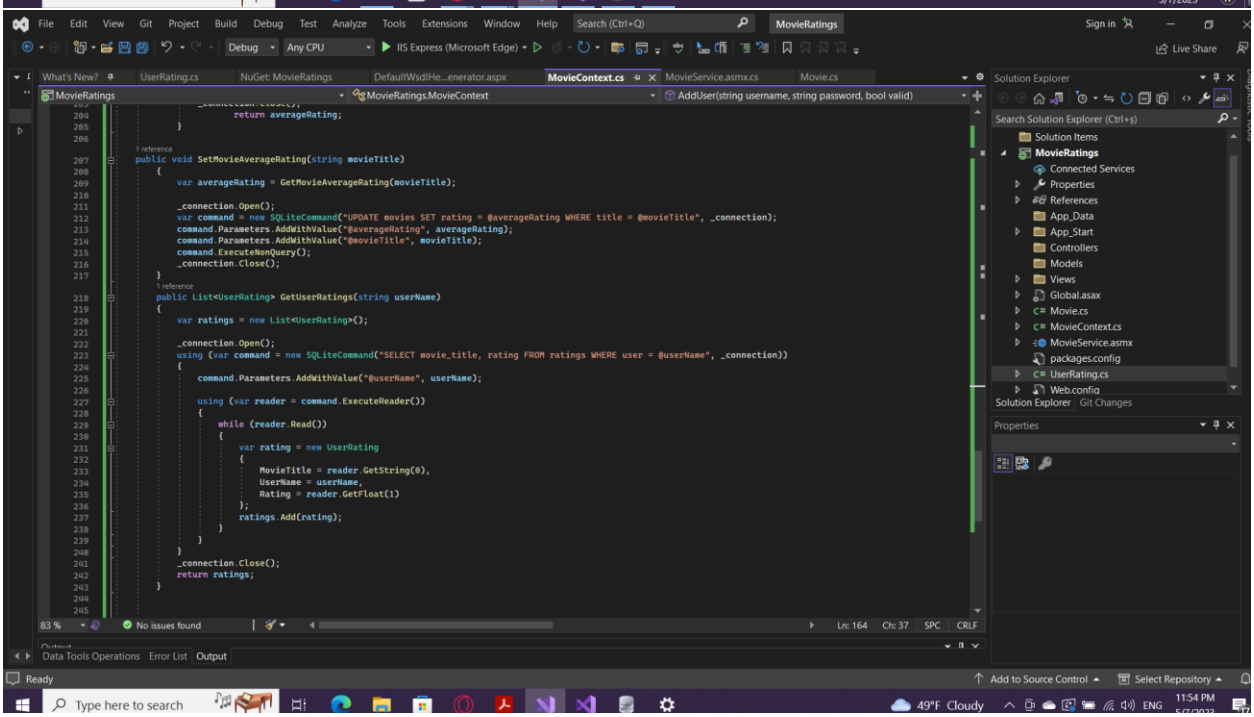
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MovieRatings.MovieContext
AddUser(string username, string password, bool valid)
return averageRating;
}
1 reference
public void SetMovieAverageRating(string movieTitle)
{
var averageRating = GetMovieAverageRating(movieTitle);
_connection.Open();
var command = new SQLiteCommand("UPDATE movies SET rating = @averageRating WHERE title = @movieTitle", _connection);
command.Parameters.AddWithValue("@averageRating", averageRating);
command.Parameters.AddWithValue("@movieTitle", movieTitle);
command.ExecuteNonQuery();
_connection.Close();
}
1 reference
public List<UserRating> GetUserRatings(string userName)
{
var ratings = new List<UserRating>();
_connection.Open();
using (var command = new SQLiteCommand("SELECT movie_title, rating FROM ratings WHERE user = @userName", _connection))
{
command.Parameters.AddWithValue("@userName", userName);
using (var reader = command.ExecuteReader())
{
while (reader.Read())
{
var rating = new UserRating
{
MovieTitle = reader.GetString(0),
UserName = userName,
Rating = reader.GetFloat(1)
};
ratings.Add(rating);
}
}
}
_connection.Close();
return ratings;
}
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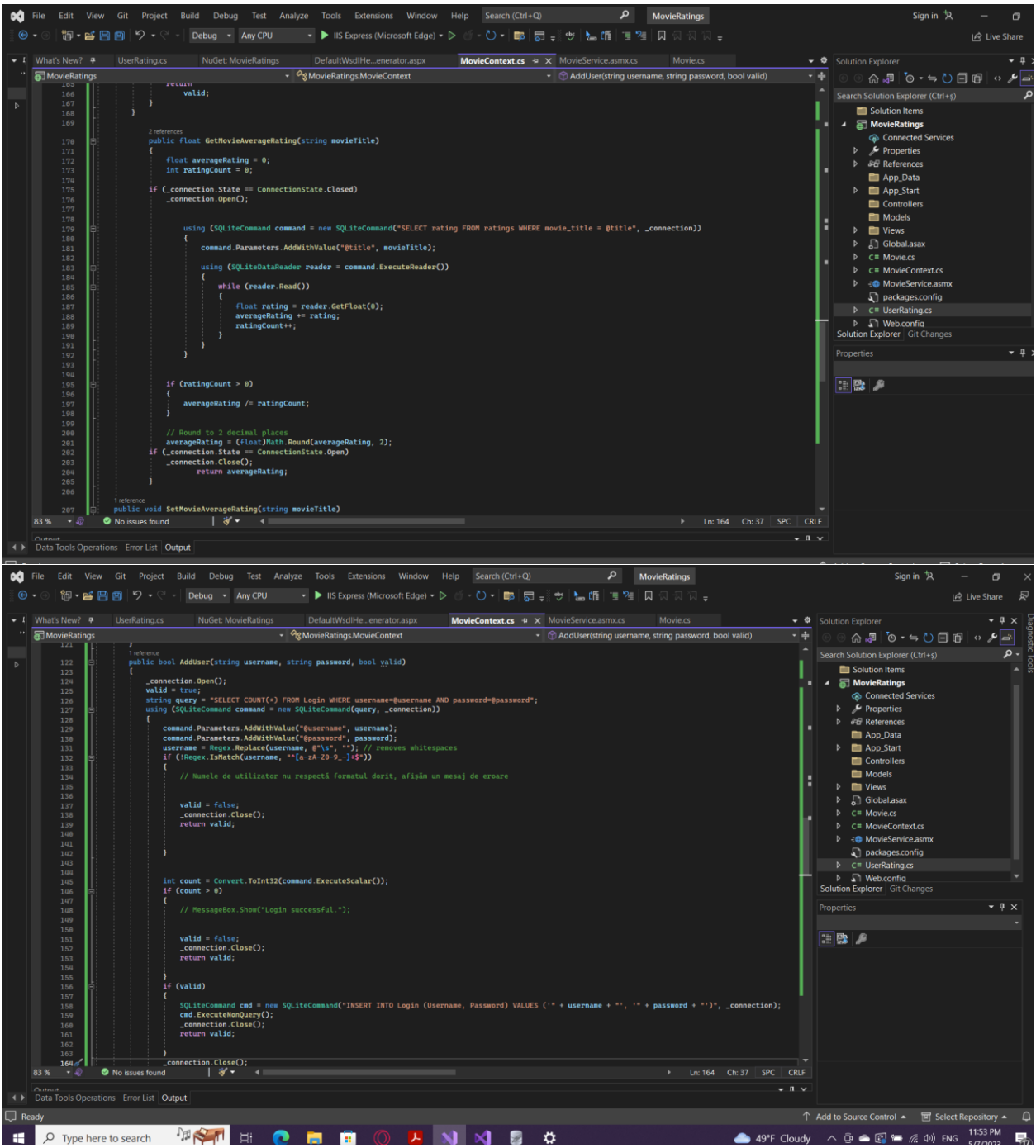
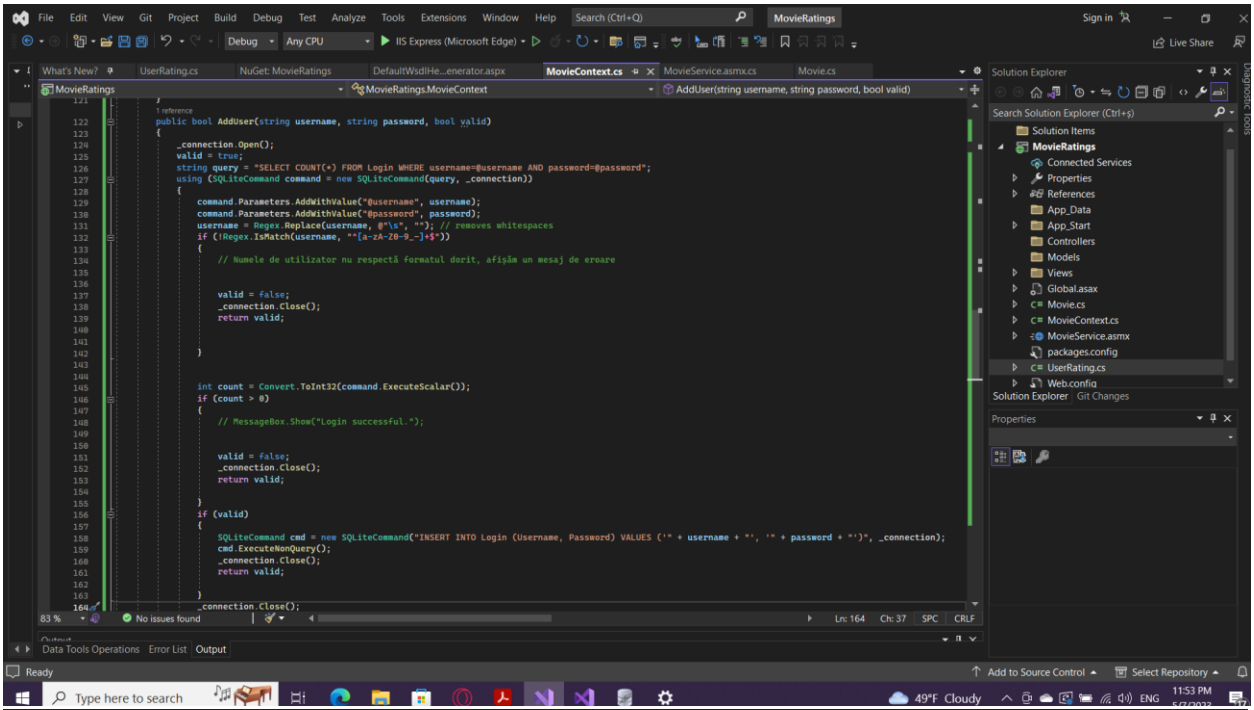


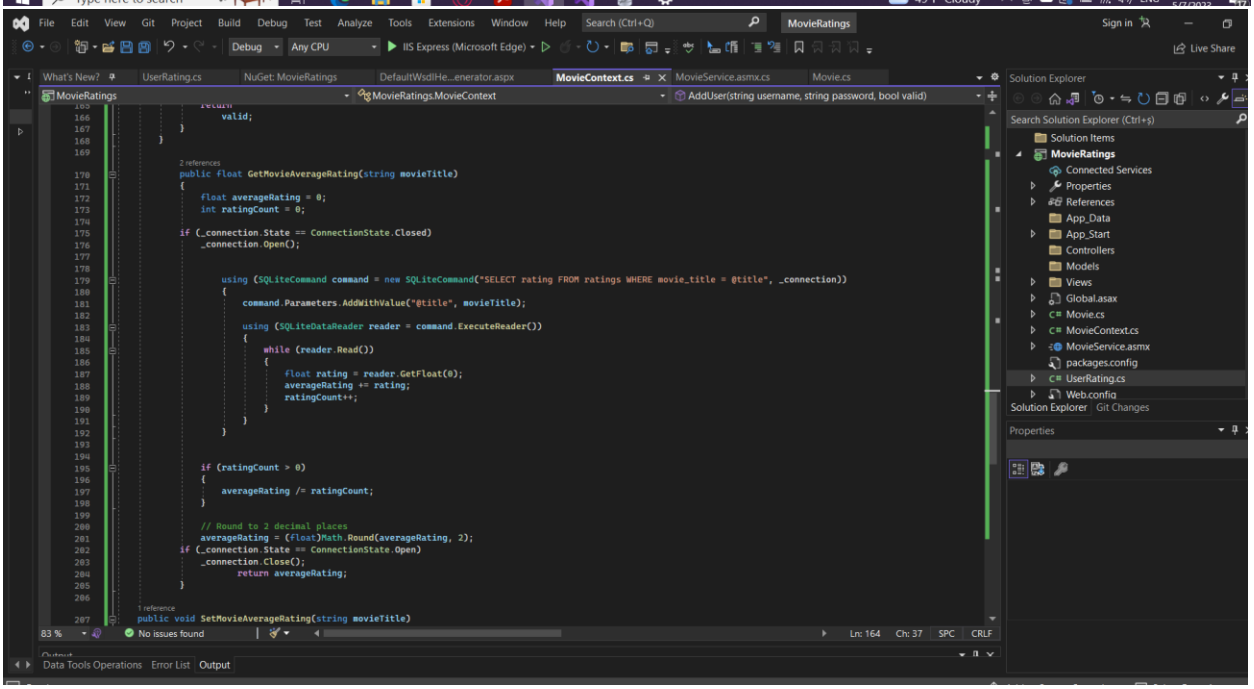
```
2 references
public float GetMovieAverageRating(string movieTitle)
{
    float averageRating = 0;
    int ratingCount = 0;

    if (_connection.State == ConnectionState.Closed)
        _connection.Open();


        using (SQLiteCommand command = new SQLiteCommand("SELECT rating FROM ratings WHERE movie_title = @title", _connection))
        {
            command.Parameters.AddWithValue("@title", movieTitle);

            using (SQLiteDataReader reader = command.ExecuteReader())
            {
                while (reader.Read())
                {
                    float rating = reader.GetFloat(0);
                    averageRating += rating;
                    ratingCount++;
                }
            }
        }


    if (ratingCount > 0)
    {
        averageRating /= ratingCount;
    }

    // Round to 2 decimal places
    averageRating = (float)Math.Round(averageRating, 2);
    if (_connection.State == ConnectionState.Open)
    _connection.Close();
          return averageRating;
}

1 reference
public void SetMovieAverageRating(string movieTitle)
```



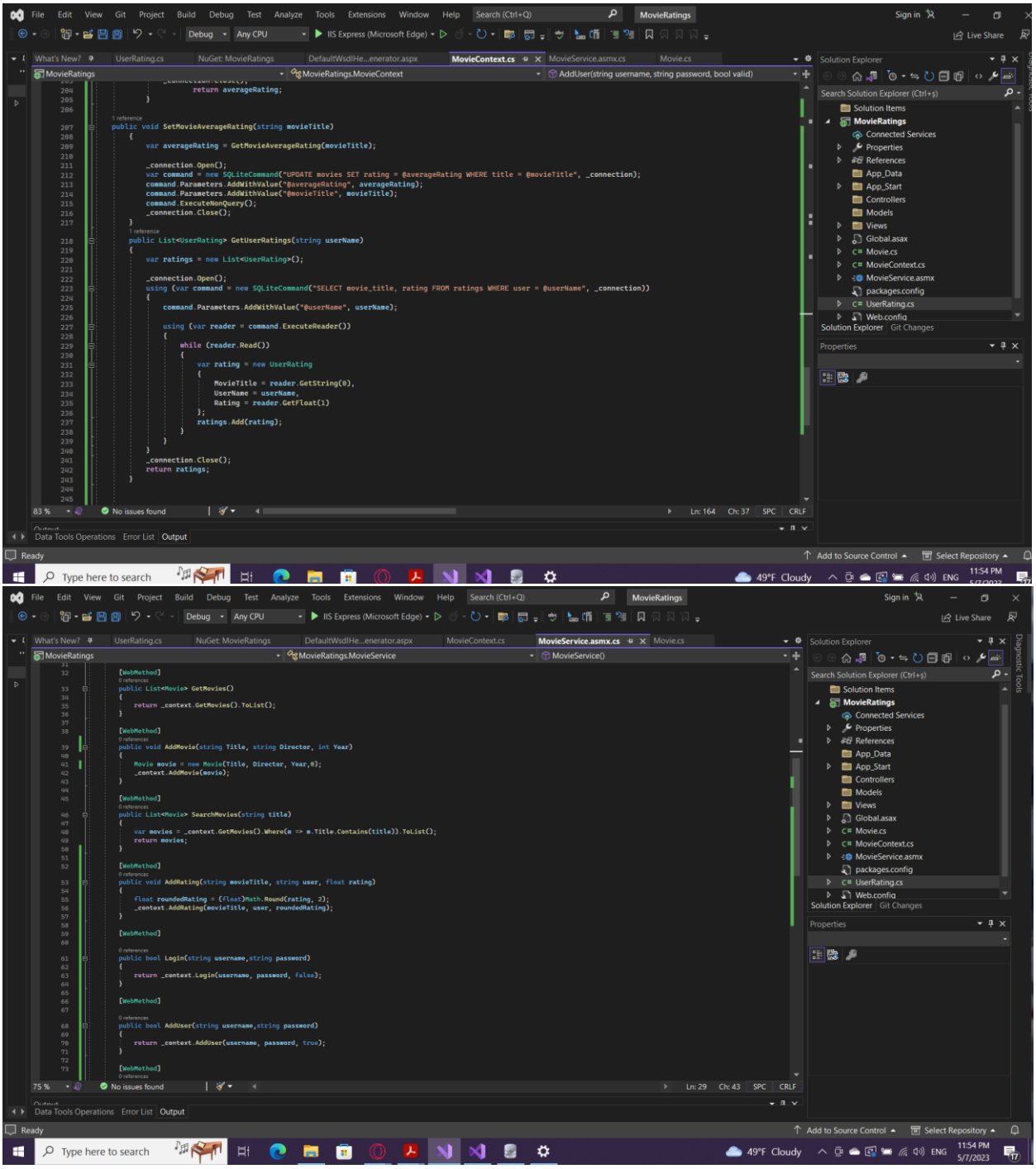
```
1 reference
public bool AddUser(string username, string password, bool valid)
{
    _connection.Open();
    valid = true;
    string query = "SELECT COUNT(*) FROM Login WHERE username=@username AND password=@password";
    using (SQLiteCommand command = new SQLiteCommand(query, _connection))
    {
        command.Parameters.AddWithValue("@username", username);
        command.Parameters.AddWithValue("@password", password);
        username = Regex.Replace(username, @"\s", ""); // removes whitespaces
        if (!Regex.IsMatch(username, "^[a-zA-Z0-9_-]+$"))
        {
            // Numele de utilizator nu respectă formatul dorit, afișăm un mesaj de eroare


            valid = false;
            _connection.Close();
            return valid;



        }


        int count = Convert.ToInt32(command.ExecuteScalar());
        if (count > 0)
        {
            // MessageBox.Show("Login successful.");


            valid = false;
            _connection.Close();
            return valid;

        }
        if (valid)
        {
            SQLiteCommand cmd = new SQLiteCommand("INSERT INTO Login (Username, Password) VALUES ('" + username + "', '" + password + "')", _connection);
            cmd.ExecuteNonQuery();
            _connection.Close();
            return valid;


        }
        _connection.Close();
```

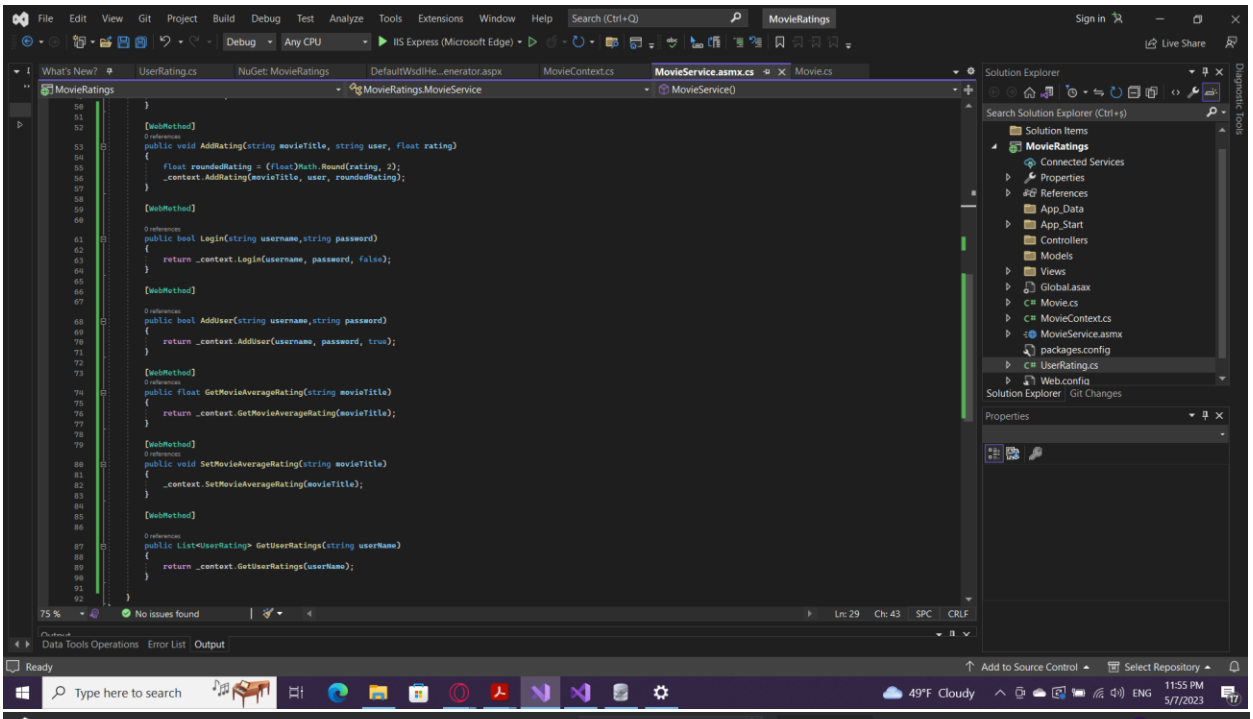


```
public bool AddUser(string username, string password, bool valid)
{
    _connection.Open();
    valid = true;
    string query = "SELECT COUNT(*) FROM Login WHERE username=@username AND password=@password";
    using (SQLiteCommand command = new SQLiteCommand(query, _connection))
    {
        command.Parameters.AddWithValue("@username", username);
        command.Parameters.AddWithValue("@password", password);
        username = Regex.Replace(username, @"\s", ""); // removes whitespaces
        if (!Regex.IsMatch(username, "^[a-zA-Z0-9_-]+$"))
        {
            // Numele de utilizator nu respectă formatul dorit, afișăm un mesaj de eroare


            valid = false;
            _connection.Close();
            return valid;


        }


        int count = Convert.ToInt32(command.ExecuteScalar());
        if (count > 0)
        {
            // MessageBox.Show("Login successful.");


            valid = false;
            _connection.Close();
            return valid;

        }
        if (valid)
        {
            SQLiteCommand cmd = new SQLiteCommand("INSERT INTO Login (Username, Password) VALUES ('" + username + "', '" + password + "')", _connection);
            cmd.ExecuteNonQuery();
            _connection.Close();
            return valid;

        }
        _connection.Close();
```

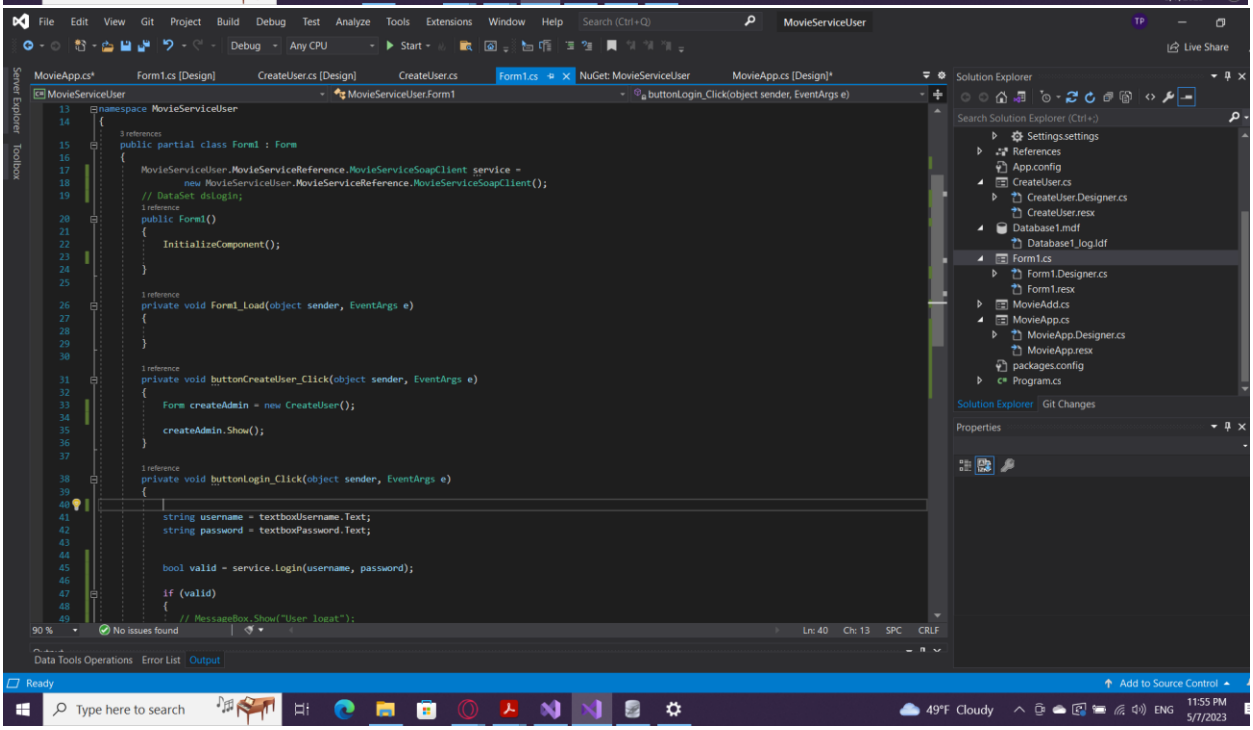


```
            return valid;
        }
    }

    2 references
    public float GetMovieAverageRating(string movieTitle)
    {
        float averageRating = 0;
        int ratingCount = 0;

    if (_connection.State == ConnectionState.Closed)
        _connection.Open();


            using (SQLiteCommand command = new SQLiteCommand("SELECT rating FROM ratings WHERE movie_title = @title", _connection))
            {
                command.Parameters.AddWithValue("@title", movieTitle);

                using (SQLiteDataReader reader = command.ExecuteReader())
                {
                    while (reader.Read())
                    {
                        float rating = reader.GetFloat(0);
                        averageRating += rating;
                        ratingCount++;
                    }
                }
            }


        if (ratingCount > 0)
        {
            averageRating /= ratingCount;
        }

        // Round to 2 decimal places
        averageRating = (float)Math.Round(averageRating, 2);
    if (_connection.State == ConnectionState.Open)
        _connection.Close();
              return averageRating;
    }

    1 reference
    public void SetMovieAverageRating(string movieTitle)
```

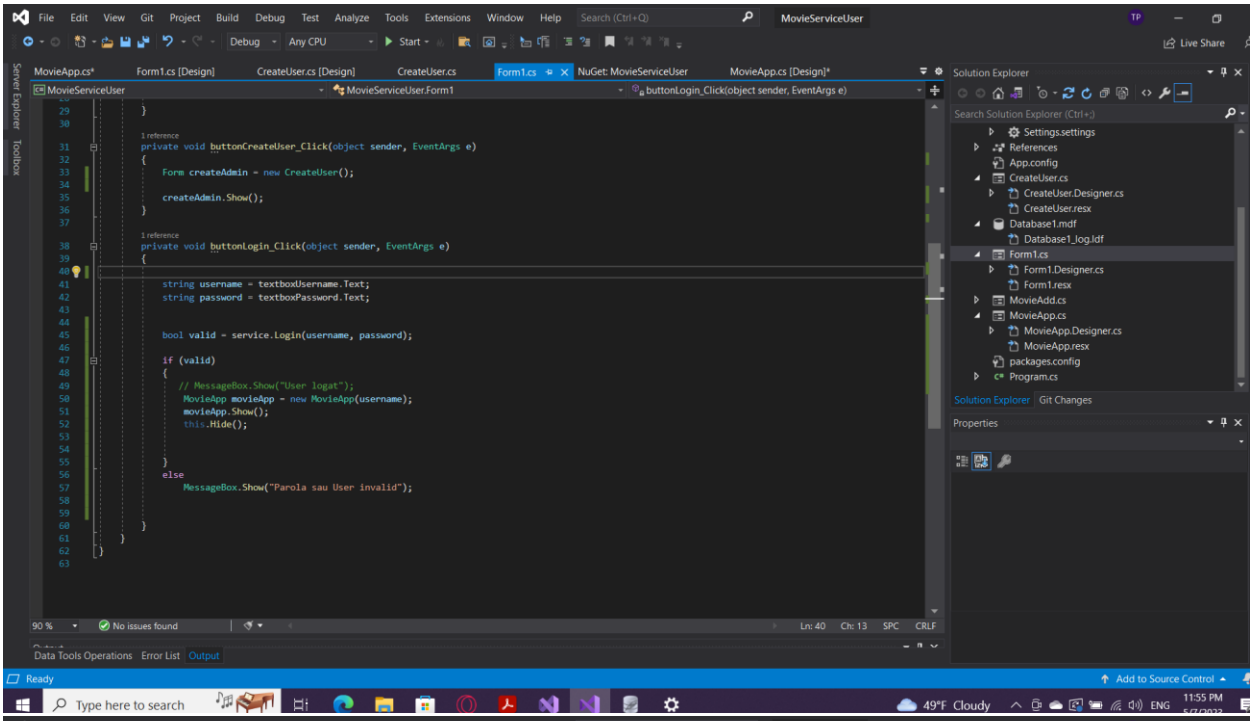




```
}

[WebMethod]
public void AddRating(string movieTitle, string user, float rating)
{
    float roundedRating = (float)Math.Round(rating, 2);
    _context.AddRating(movieTitle, user, roundedRating);
}

[WebMethod]
public bool Login(string username,string password)
{
    return _context.Login(username, password, false);
}

[WebMethod]
public bool AddUser(string username,string password)
{
    return _context.AddUser(username, password, true);
}

[WebMethod]
public float GetMovieAverageRating(string movieTitle)
{
    return _context.GetMovieAverageRating(movieTitle);
}

[WebMethod]
public void SetMovieAverageRating(string movieTitle)
{
    _context.SetMovieAverageRating(movieTitle);
}

[WebMethod]
public List<UserRating> GetUserRatings(string userName)
{
    return _context.GetUserRatings(userName);
}
}
```



```
namespace MovieServiceUser
{
public partial class Form1 : Form
{
    MovieServiceUser.MovieServiceReference.MovieServiceSoapClient service =
            new MovieServiceUser.MovieServiceReference.MovieServiceSoapClient();
    // DataSet dsLogin;
    public Form1()
    {
        InitializeComponent();

    }

    private void Form1_Load(object sender, EventArgs e)
    {

    }

    private void buttonCreateUser_Click(object sender, EventArgs e)
    {
        Form createAdmin = new CreateUser();

        createAdmin.Show();
    }

    private void buttonLogin_Click(object sender, EventArgs e)
    {

        string username = textboxUsername.Text;
        string password = textboxPassword.Text;


        bool valid = service.Login(username, password);

        if (valid)
        {
            // MessageBox.Show("User logat");
```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MovieApp.cs* Form1.cs [Design] CreateUser.cs [Design] CreateUser.cs Form1.cs NuGet: MovieServiceUser MovieApp.cs [Design]*
MovieServiceUser
MovieServiceUser.Form1
buttonLogin_Click(object sender, EventArgs e)
1 reference
private void buttonCreateUser_Click(object sender, EventArgs e)
{
Form createAdmin = new CreateUser();
createAdmin.Show();
}
1 reference
private void buttonLogin_Click(object sender, EventArgs e)
{
string username = textboxUsername.Text;
string password = textboxPassword.Text;
bool valid = service.Login(username, password);
if (valid)
{
// MessageBox.Show("User logat");
MovieApp movieApp = new MovieApp(username);
movieApp.Show();
this.Hide();
}
else
MessageBox.Show("Parola sau User invalid");
}
}
}
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Data Tools Operations Error List Output
Solution Explorer
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Settings.settings
References
App.config
CreateUser.cs
CreateUser.Designer.cs
CreateUser.resx
Database1.mdf
Database1_log.ldf
Form1.cs
Form1.Designer.cs
Form1.resx
MovieAdd.cs
MovieApp.cs
MovieApp.Designer.cs
MovieApp.resx
packages.config
Program.cs
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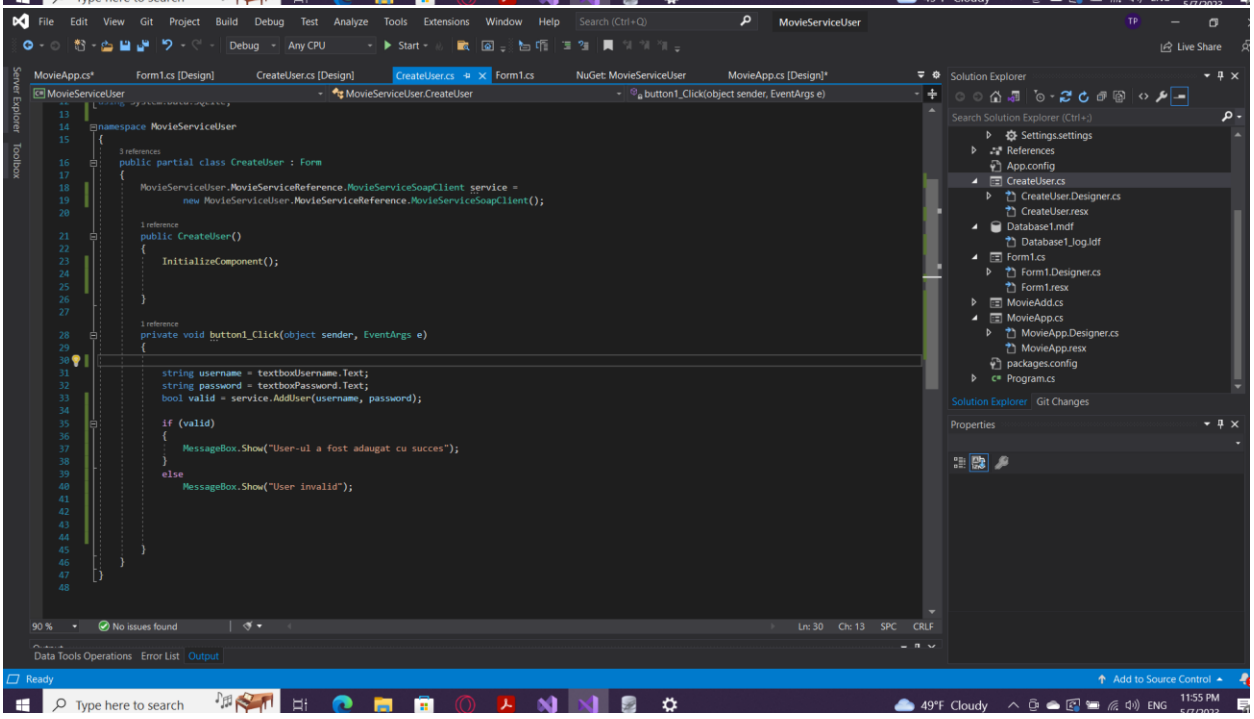
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help
MovieServiceUser
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Live Share
MovieApp.cs* Form1.cs [Design] CreateUser.cs [Design] CreateUser.cs Form1.cs NuGet: MovieServiceUser MovieApp.cs [Design]*
MovieServiceUser
MovieServiceUser.CreateUser
button1_Click(object sender, EventArgs e)
namespace MovieServiceUser
{
3 references
public partial class CreateUser : Form
{
MovieServiceUser.MovieServiceReference.MovieServiceSoapClient service =
new MovieServiceUser.MovieServiceReference.MovieServiceSoapClient();
1 reference
public CreateUser()
{
InitializeComponent();
}
1 reference
private void button1_Click(object sender, EventArgs e)
{
string username = textboxUsername.Text;
string password = textboxPassword.Text;
bool valid = service.AddUser(username, password);
if (valid)
{
MessageBox.Show("User-ul a fost adaugat cu succes");
}
else
MessageBox.Show("User invalid");
}
}
}
90 %
No issues found
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Data Tools Operations Error List Output
Solution Explorer
Search Solution Explorer (Ctrl+;)
Settings.settings
References
App.config
CreateUser.cs
CreateUser.Designer.cs
CreateUser.resx
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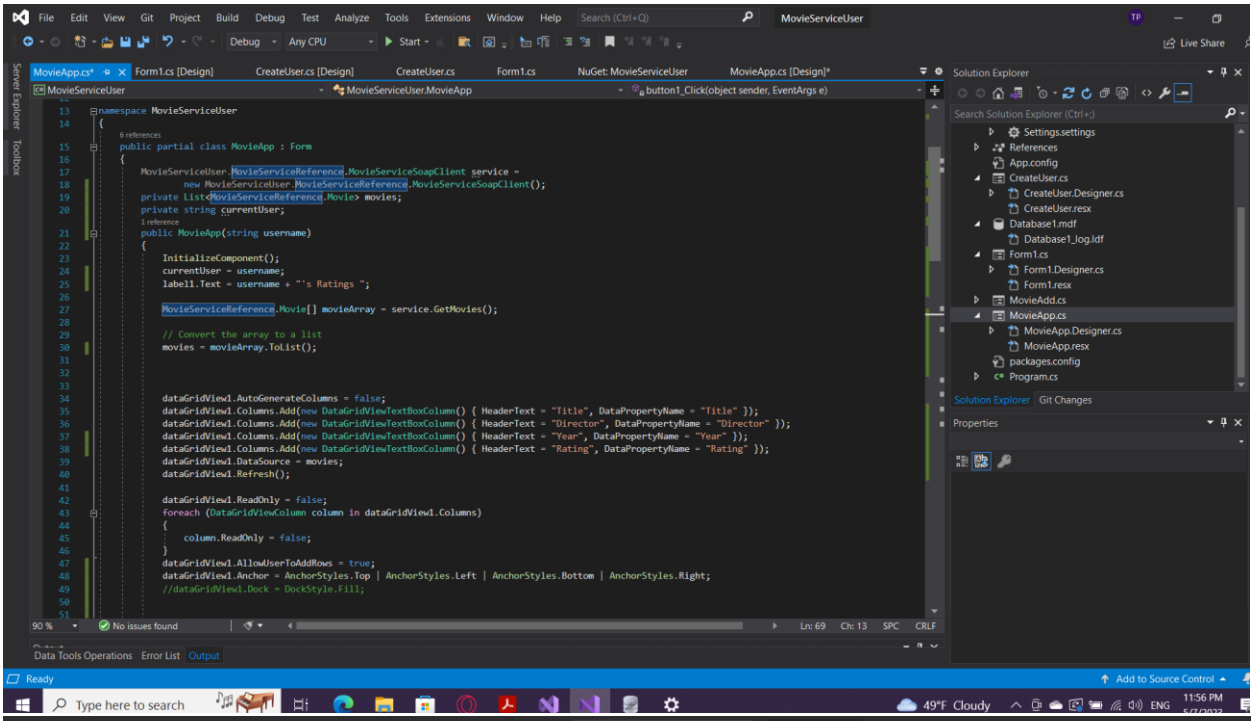
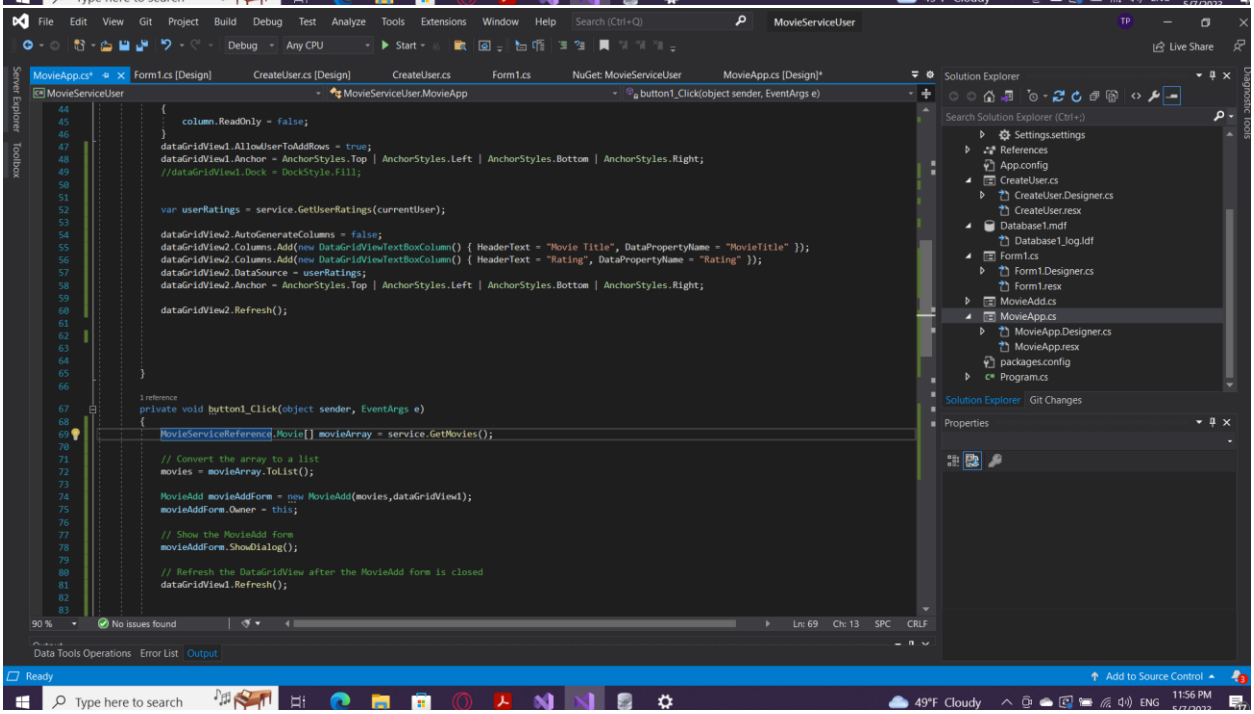
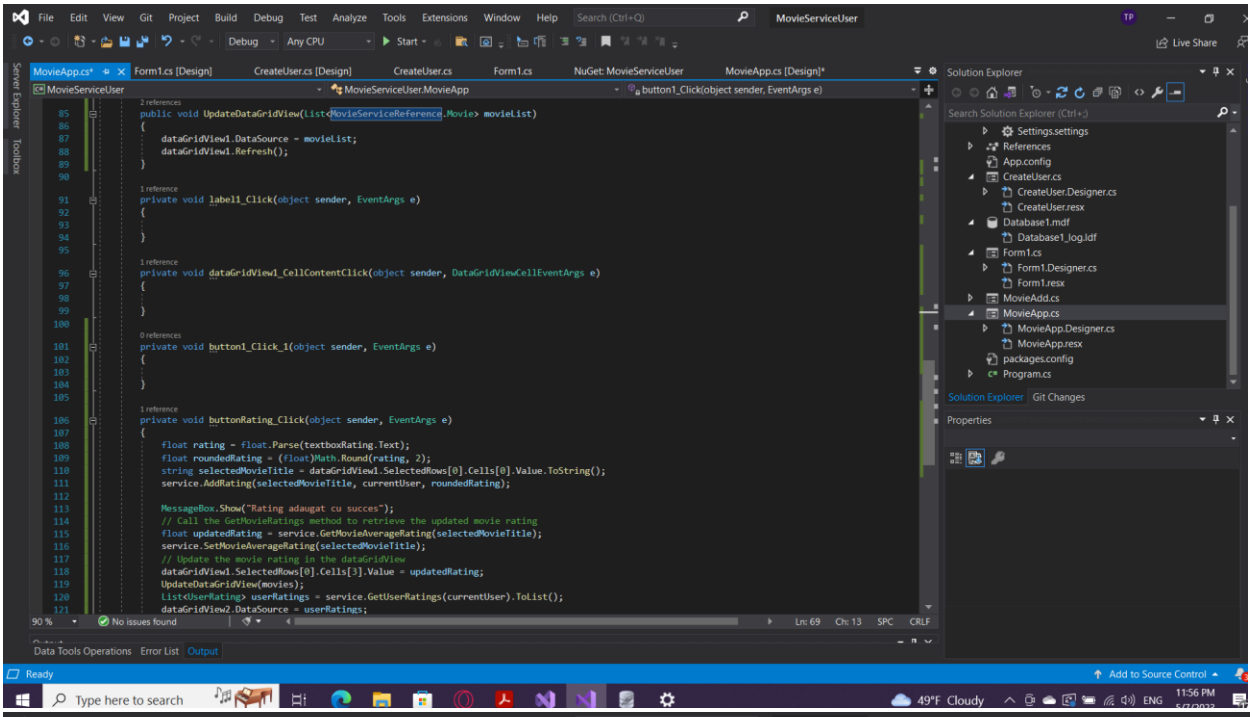


```
namespace MovieServiceUser
{
    6 references
    public partial class MovieApp : Form
    {
        MovieServiceUser.MovieServiceReference.MovieServiceSoapClient service =
                new MovieServiceUser.MovieServiceReference.MovieServiceSoapClient();
        private List<MovieServiceReference.Movie> movies;
        private string currentUser;
        1 reference
        public MovieApp(string username)
        {
            InitializeComponent();
            currentUser = username;
            label1.Text = username + "'s Ratings ";

            MovieServiceReference.Movie[] movieArray = service.GetMovies();

            // Convert the array to a list
            movies = movieArray.ToList();



            dataGridView1.AutoGenerateColumns = false;
            dataGridView1.Columns.Add(new DataGridViewTextBoxColumn() { HeaderText = "Title", DataPropertyName = "Title" });
            dataGridView1.Columns.Add(new DataGridViewTextBoxColumn() { HeaderText = "Director", DataPropertyName = "Director" });
            dataGridView1.Columns.Add(new DataGridViewTextBoxColumn() { HeaderText = "Year", DataPropertyName = "Year" });
            dataGridView1.Columns.Add(new DataGridViewTextBoxColumn() { HeaderText = "Rating", DataPropertyName = "Rating" });
            dataGridView1.DataSource = movies;
            dataGridView1.Refresh();

            dataGridView1.ReadOnly = false;
            foreach (DataGridViewColumn column in dataGridView1.Columns)
            {
                column.ReadOnly = false;
            }
            dataGridView1.AllowUserToAddRows = true;
            dataGridView1.Anchor = AnchorStyles.Top | AnchorStyles.Left | AnchorStyles.Bottom | AnchorStyles.Right;
            //dataGridView1.Dock = DockStyle.Fill;
```



```
            {
                column.ReadOnly = false;
            }
            dataGridView1.AllowUserToAddRows = true;
            dataGridView1.Anchor = AnchorStyles.Top | AnchorStyles.Left | AnchorStyles.Bottom | AnchorStyles.Right;
            //dataGridView1.Dock = DockStyle.Fill;


            var userRatings = service.GetUserRatings(currentUser);

            dataGridView2.AutoGenerateColumns = false;
            dataGridView2.Columns.Add(new DataGridViewTextBoxColumn() { HeaderText = "Movie Title", DataPropertyName = "MovieTitle" });
            dataGridView2.Columns.Add(new DataGridViewTextBoxColumn() { HeaderText = "Rating", DataPropertyName = "Rating" });
            dataGridView2.DataSource = userRatings;
            dataGridView2.Anchor = AnchorStyles.Top | AnchorStyles.Left | AnchorStyles.Bottom | AnchorStyles.Right;

            dataGridView2.Refresh();




        }

        1 reference
        private void button1_Click(object sender, EventArgs e)
        {
            MovieServiceReference.Movie[] movieArray = service.GetMovies();

            // Convert the array to a list
            movies = movieArray.ToList();

            MovieAdd movieAddForm = new MovieAdd(movies,dataGridView1);
            movieAddForm.Owner = this;

            // Show the MovieAdd form
            movieAddForm.ShowDialog();

            // Refresh the DataGridView after the MovieAdd form is closed
            dataGridView1.Refresh();
```


File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help
MovieServiceUser
MovieApp.cs Form1.cs [Design] CreateUser.cs [Design] CreateUser.cs Form1.cs NuGet: MovieServiceUser MovieApp.cs [Design]*
MovieServiceUser.MovieApp
button1_Click(object sender, EventArgs e)
public void UpdateDataGridView(List<MovieServiceReference.Movie> movieList)
dataGridView1.DataSource = movieList;
dataGridView1.Refresh();
private void label1_Click(object sender, EventArgs e)
private void dataGridView1_CellContentClick(object sender, DataGridViewCellEventArgs e)
private void button1_Click_1(object sender, EventArgs e)
private void buttonRating_Click(object sender, EventArgs e)
float rating = float.Parse(textboxRating.Text);
float roundedRating = (float)Math.Round(rating, 2);
string selectedMovieTitle = dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
service.AddRating(selectedMovieTitle, currentUser, roundedRating);
MessageBox.Show("Rating adaugat cu succes");
// Call the GetMovieRatings method to retrieve the updated movie rating
float updatedRating = service.GetMovieAverageRating(selectedMovieTitle);
service.SetMovieAverageRating(selectedMovieTitle);
// Update the movie rating in the dataGridView
dataGridView1.SelectedRows[0].Cells[3].Value = updatedRating;
UpdateDataGridView(movies);
List<UserRating> userRatings = service.GetUserRatings(currentUser).ToList();
dataGridView2.DataSource = userRatings;
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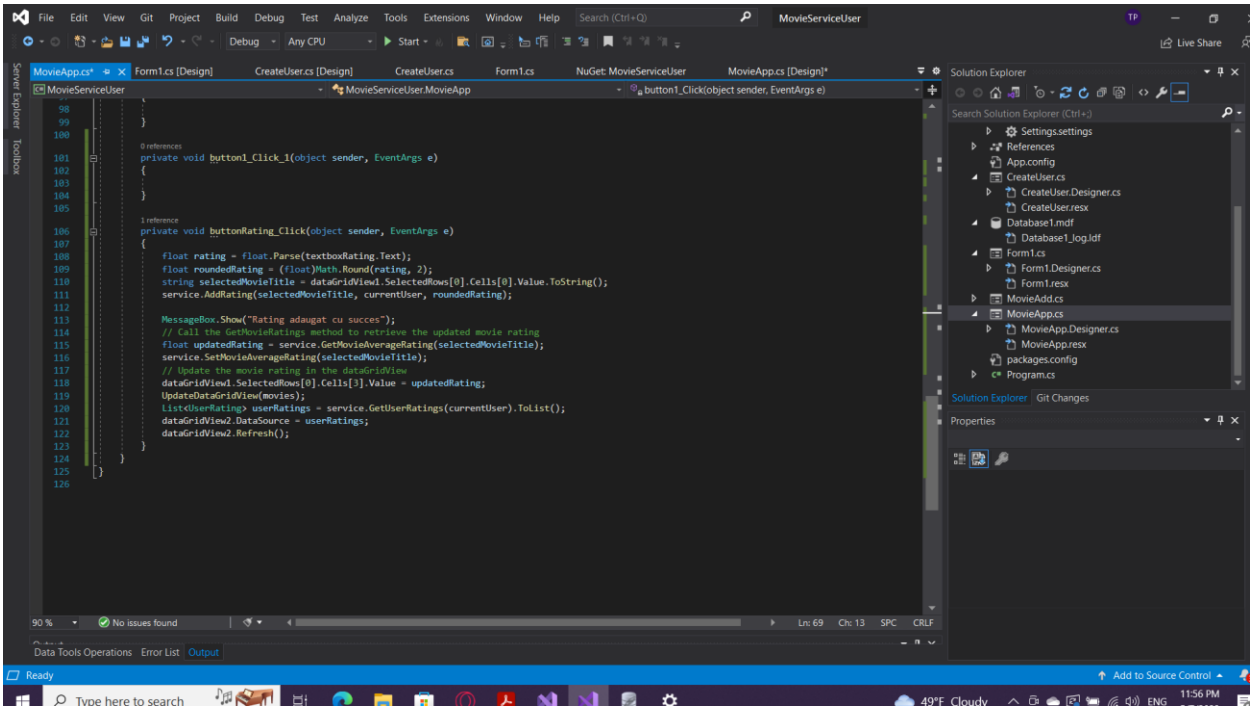
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MovieServiceUser
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MovieServiceUser.MovieApp
button1_Click(object sender, EventArgs e)
private void button1_Click_1(object sender, EventArgs e)
private void buttonRating_Click(object sender, EventArgs e)
float rating = float.Parse(textboxRating.Text);
float roundedRating = (float)Math.Round(rating, 2);
string selectedMovieTitle = dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
service.AddRating(selectedMovieTitle, currentUser, roundedRating);
MessageBox.Show("Rating adaugat cu succes");
// Call the GetMovieRatings method to retrieve the updated movie rating
float updatedRating = service.GetMovieAverageRating(selectedMovieTitle);
service.SetMovieAverageRating(selectedMovieTitle);
// Update the movie rating in the dataGridView
dataGridView1.SelectedRows[0].Cells[3].Value = updatedRating;
UpdateDataGridView(movies);
List<UserRating> userRatings = service.GetUserRatings(currentUser).ToList();
dataGridView2.DataSource = userRatings;
dataGridView2.Refresh();
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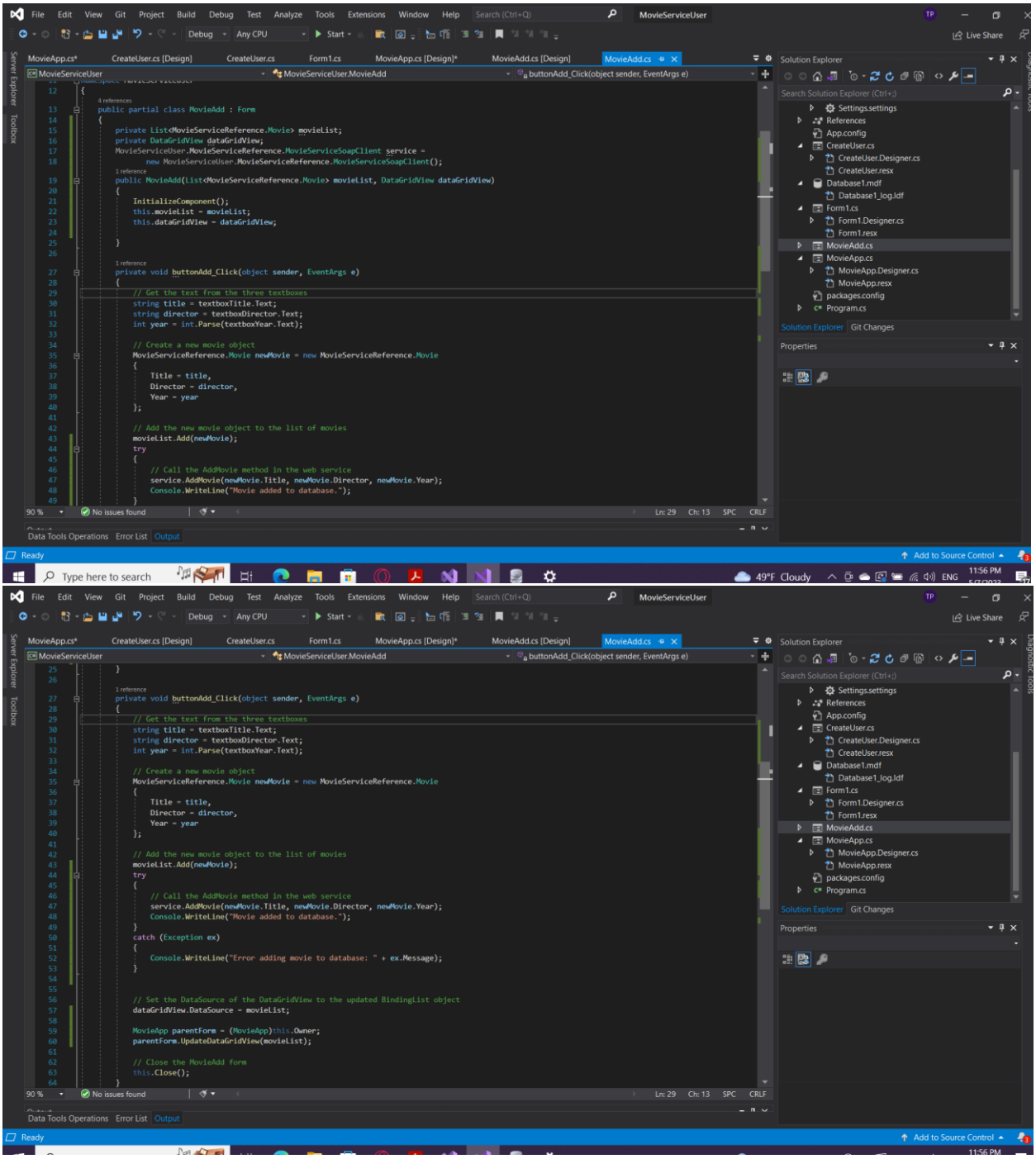
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help
MovieServiceUser
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MovieApp.cs* CreateUser.cs [Design] CreateUser.cs Form1.cs MovieApp.cs [Design]* MovieAdd.cs [Design] MovieAdd.cs
MovieServiceUser
MovieServiceUser.MovieAdd
buttonAdd_Click(object sender, EventArgs e)
4 references
public partial class MovieAdd : Form
{
private List<MovieServiceReference.Movie> movieList;
private DataGridView dataGridView;
MovieServiceUser.MovieServiceReference.MovieServiceSoapClient service =
new MovieServiceUser.MovieServiceReference.MovieServiceSoapClient();
1 reference
public MovieAdd(List<MovieServiceReference.Movie> movieList, DataGridView dataGridView)
{
InitializeComponent();
this.movieList = movieList;
this.dataGridView = dataGridView;
}
1 reference
private void buttonAdd_Click(object sender, EventArgs e)
{
// Get the text from the three textboxes
string title = textboxTitle.Text;
string director = textboxDirector.Text;
int year = int.Parse(textboxYear.Text);
// Create a new movie object
MovieServiceReference.Movie newMovie = new MovieServiceReference.Movie
{
Title = title,
Director = director,
Year = year
};
// Add the new movie object to the list of movies
movieList.Add(newMovie);
try
{
// Call the AddMovie method in the web service
service.AddMovie(newMovie.Title, newMovie.Director, newMovie.Year);
Console.WriteLine("Movie added to database.");
}
90 %
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Data Tools Operations Error List Output
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Form1.Designer.cs
Form1.resx
MovieAdd.cs
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MovieApp.resx
packages.config
Program.cs
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MovieServiceUser
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MovieApp.cs* CreateUser.cs [Design] CreateUser.cs Form1.cs MovieApp.cs [Design]* MovieAdd.cs [Design] MovieAdd.cs
MovieServiceUser
MovieServiceUser.MovieAdd
buttonAdd_Click(object sender, EventArgs e)
}
1 reference
private void buttonAdd_Click(object sender, EventArgs e)
{
// Get the text from the three textboxes
string title = textboxTitle.Text;
string director = textboxDirector.Text;
int year = int.Parse(textboxYear.Text);
// Create a new movie object
MovieServiceReference.Movie newMovie = new MovieServiceReference.Movie
{
Title = title,
Director = director,
Year = year
};
// Add the new movie object to the list of movies
movieList.Add(newMovie);
try
{
// Call the AddMovie method in the web service
service.AddMovie(newMovie.Title, newMovie.Director, newMovie.Year);
Console.WriteLine("Movie added to database.");
}
catch (Exception ex)
{
Console.WriteLine("Error adding movie to database: " + ex.Message);
}
// Set the DataSource of the DataGridView to the updated BindingList object
dataGridView.DataSource = movieList;
MovieApp parentForm = (MovieApp)this.Owner;
parentForm.UpdateDataGridView(movieList);
// Close the MovieAdd form
this.Close();
}
90 %
No issues found
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Data Tools Operations Error List Output
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Search Solution Explorer (Ctrl+;)
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CreateUser.resx
Database1.mdf
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Form1.resx
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Program.cs
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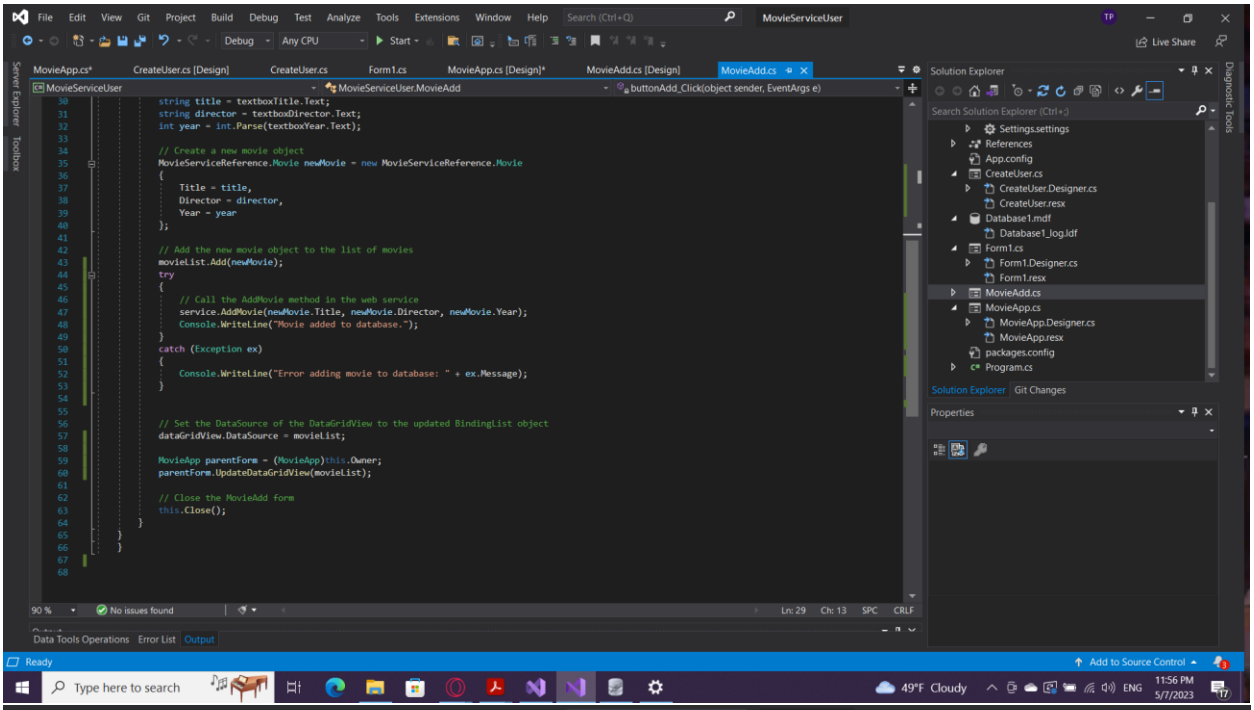
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MovieServiceUser
MovieApp.cs* CreateUser.cs [Design] CreateUser.cs Form1.cs MovieApp.cs [Design]* MovieAdd.cs [Design] MovieAdd.cs
MovieServiceUser.MovieAdd
buttonAdd_Click(object sender, EventArgs e)
string title = textboxTitle.Text;
string director = textboxDirector.Text;
int year = int.Parse(textboxYear.Text);
// Create a new movie object
MovieServiceReference.Movie newMovie = new MovieServiceReference.Movie
{
Title = title,
Director = director,
Year = year
};
// Add the new movie object to the list of movies
movieList.Add(newMovie);
try
{
// Call the AddMovie method in the web service
service.AddMovie(newMovie.Title, newMovie.Director, newMovie.Year);
Console.WriteLine("Movie added to database.");
}
catch (Exception ex)
{
Console.WriteLine("Error adding movie to database: " + ex.Message);
}
// Set the DataSource of the DataGridView to the updated BindingList object
dataGridView.DataSource = movieList;
MovieApp parentForm = (MovieApp)this.Owner;
parentForm.UpdateDataGridView(movieList);
// Close the MovieAdd form
this.Close();
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App.config
CreateUser.cs
CreateUser.Designer.cs
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Database1.mdf
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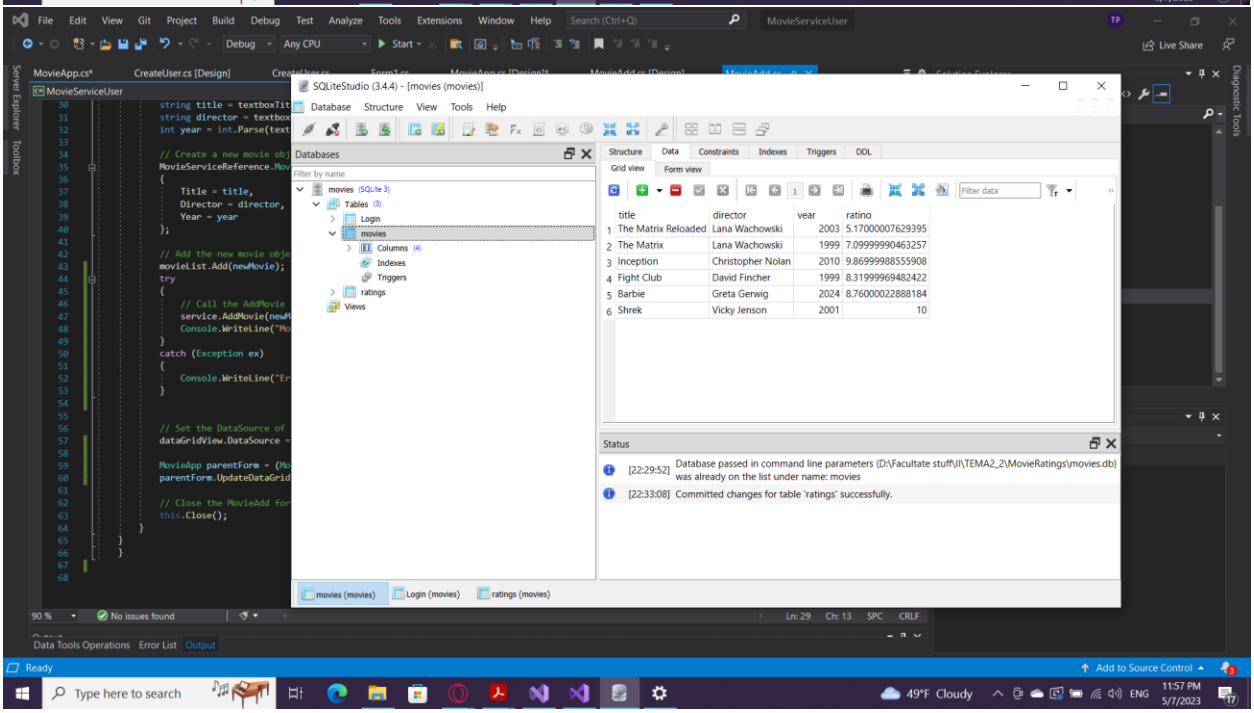
SQLiteStudio (3.4.4) - [movies (movies)]
Database Structure View Tools Help
Databases
movies (SQLite 3)
Tables (3)
Login
movies
Columns (4)
Indexes
Triggers
ratings
Views
Structure Data Constraints Indexes Triggers DDL
Grid view Form view
title director year ratino
1 The Matrix Reloaded Lana Wachowski 2003 5.17000007629395
2 The Matrix Lana Wachowski 1999 7.09999990463257
3 Inception Christopher Nolan 2010 9.86999988555908
4 Fight Club David Fincher 1999 8.31999969482422
5 Barbie Greta Gerwig 2024 8.76000022888184
6 Shrek Vicky Jenson 2001 10
Status
[22:29:52] Database passed in command line parameters (D:\Facultate stuff\II\TEMA2_2\MovieRatings\movies.db) was already on the list under name: movies
[22:33:08] Committed changes for table 'ratings' successfully.
movies (movies)
Login (movies)
ratings (movies)
No issues found
Ln: 29 Ch: 13 SPC CRLF
Data Tools Operations Error List Output
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Add to Source Control
Type here to search
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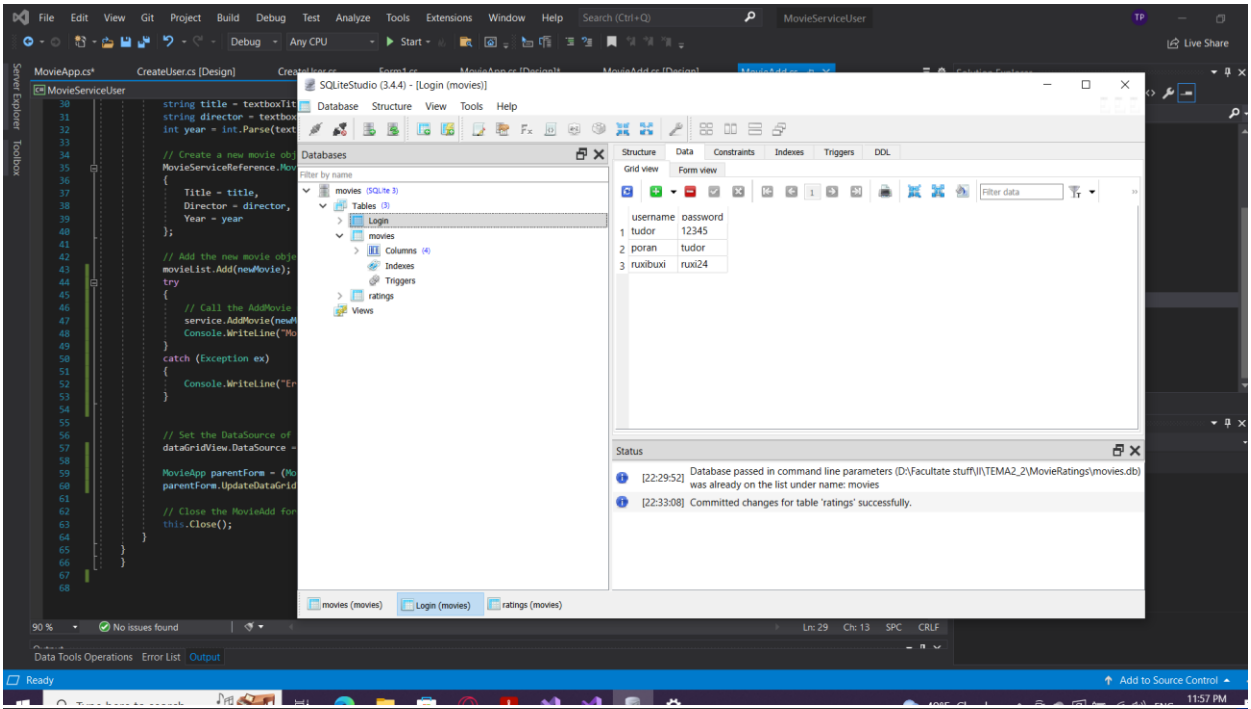
SQLiteStudio (3.4.4) - [Login (movies)]
Database Structure View Tools Help
Databases
movies (SQLite 3)
Tables (3)
Login
movies
Columns (4)
Indexes
Triggers
ratings
Views
Structure Data Constraints Indexes Triggers DDL
Grid view Form view
username password
1 tudor 12345
2 poran tudor
3 ruxibuxi ruxi24
Status
[22:29:52] Database passed in command line parameters (D:\Facultate stuff\II\TEMA2_2\MovieRatings\movies.db) was already on the list under name: movies
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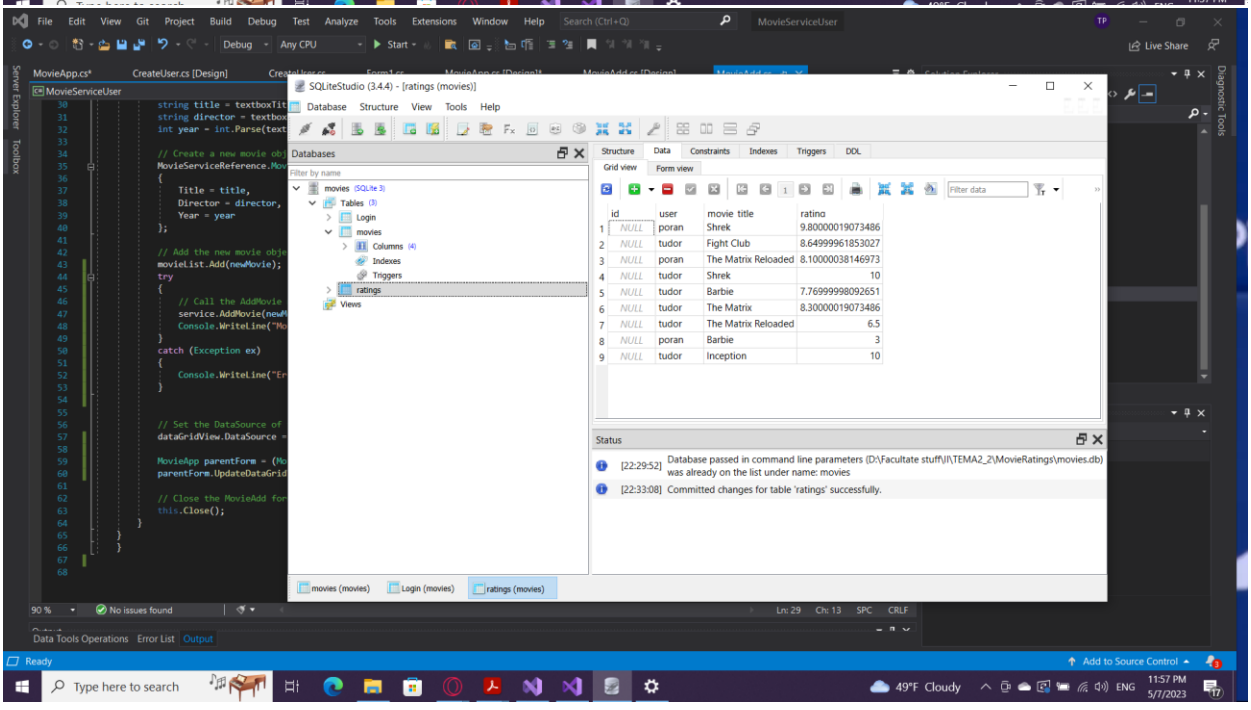
movies (movies)
Login (movies)
ratings (movies)


SQLiteStudio (3.4.4) - [ratings (movies)]
Database Structure View Tools Help
Databases
movies (SQLite 3)
Tables (3)
Login
movies
Columns (4)
Indexes
Triggers
ratings
Views
Structure Data Constraints Indexes Triggers DDL
Grid view Form view
id user movie title rating
1 NULL poran Shrek 9.80000019073486
2 NULL tudor Fight Club 8.64999961853027
3 NULL poran The Matrix Reloaded 8.10000038146973
4 NULL tudor Shrek 10
5 NULL tudor Barbie 7.76999998092651
6 NULL tudor The Matrix 8.30000019073486
7 NULL tudor The Matrix Reloaded 6.5
8 NULL poran Barbie 3
9 NULL tudor Inception 10
Status
[22:29:52] Database passed in command line parameters (D:\Facultate stuff\II\TEMA2_2\MovieRatings\movies.db) was already on the list under name: movies
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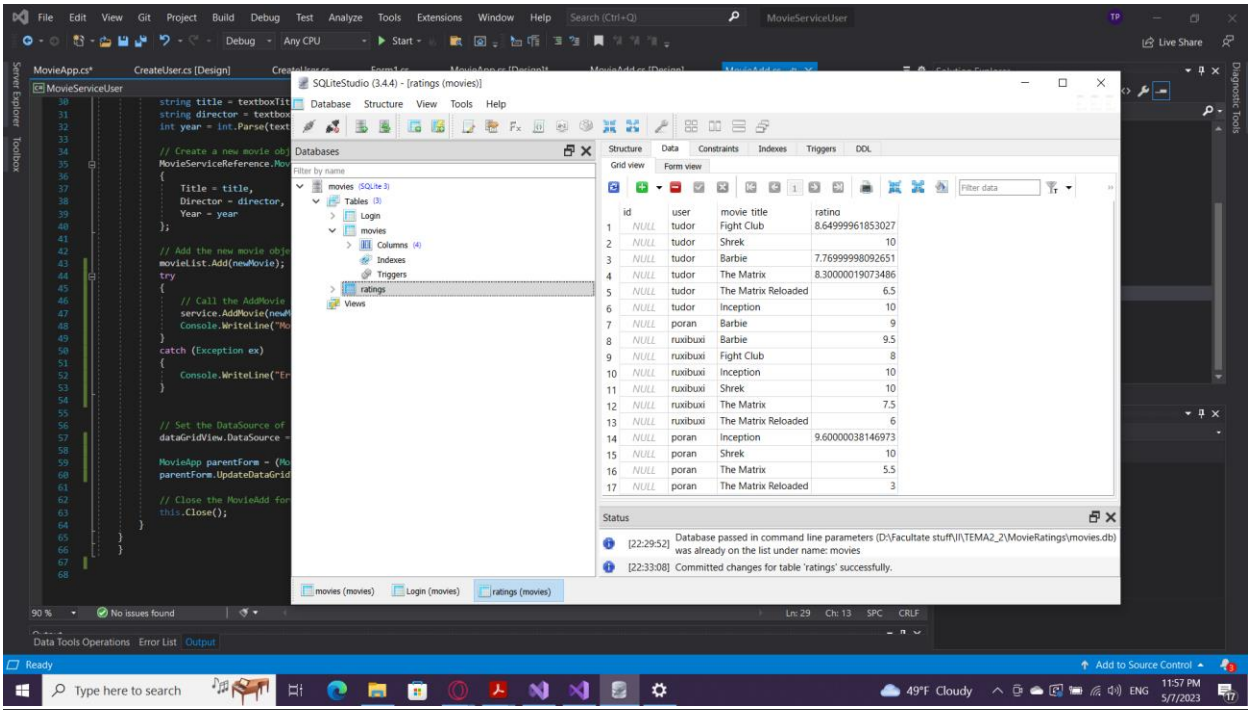
movies (movies)
Login (movies)
ratings (movies)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movies
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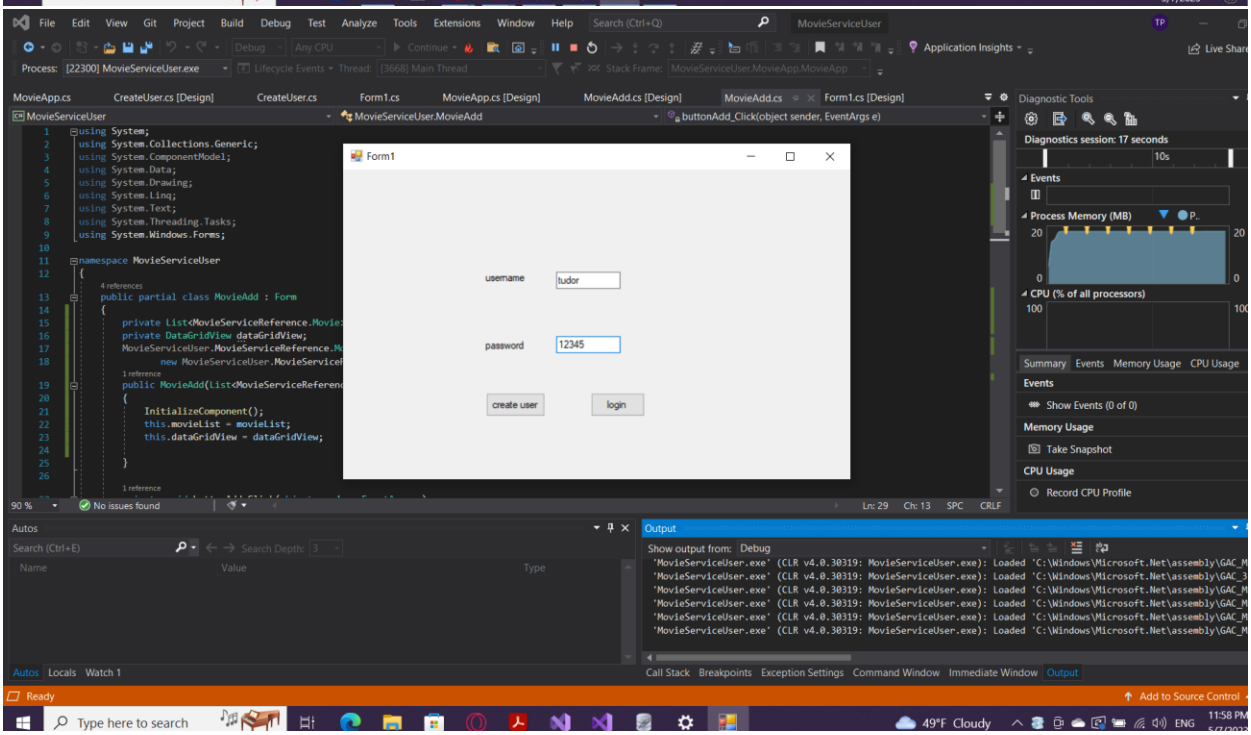
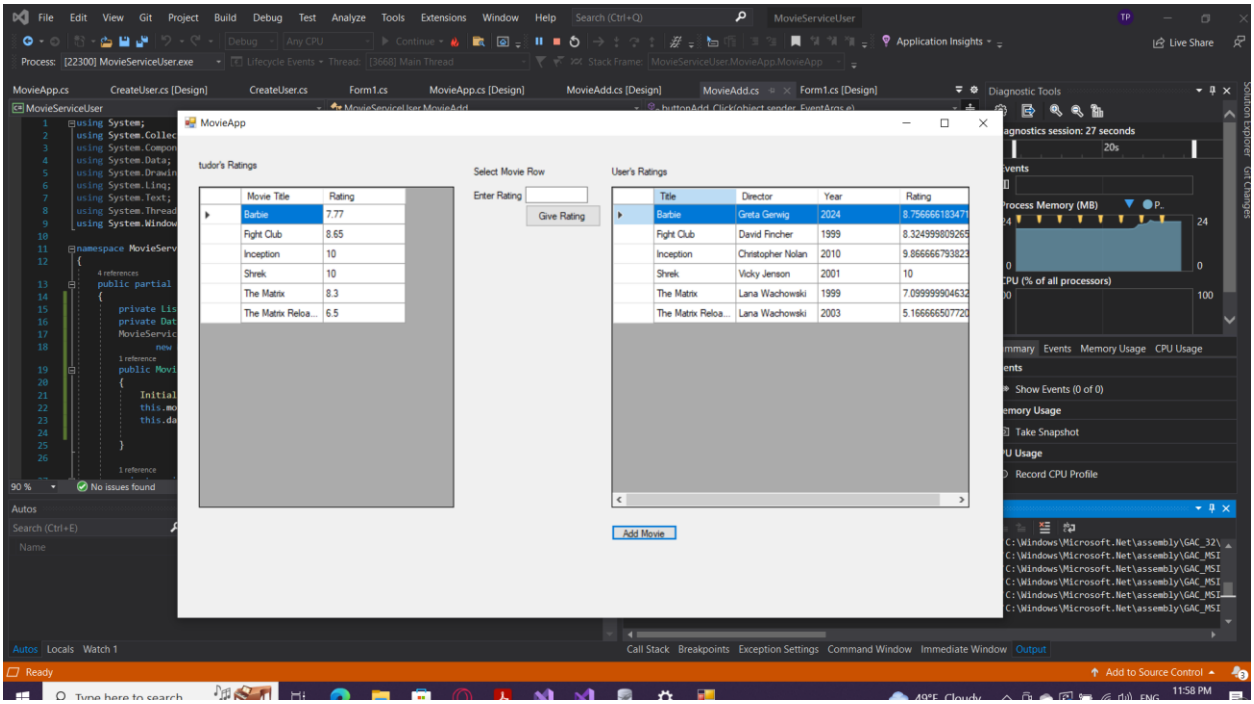
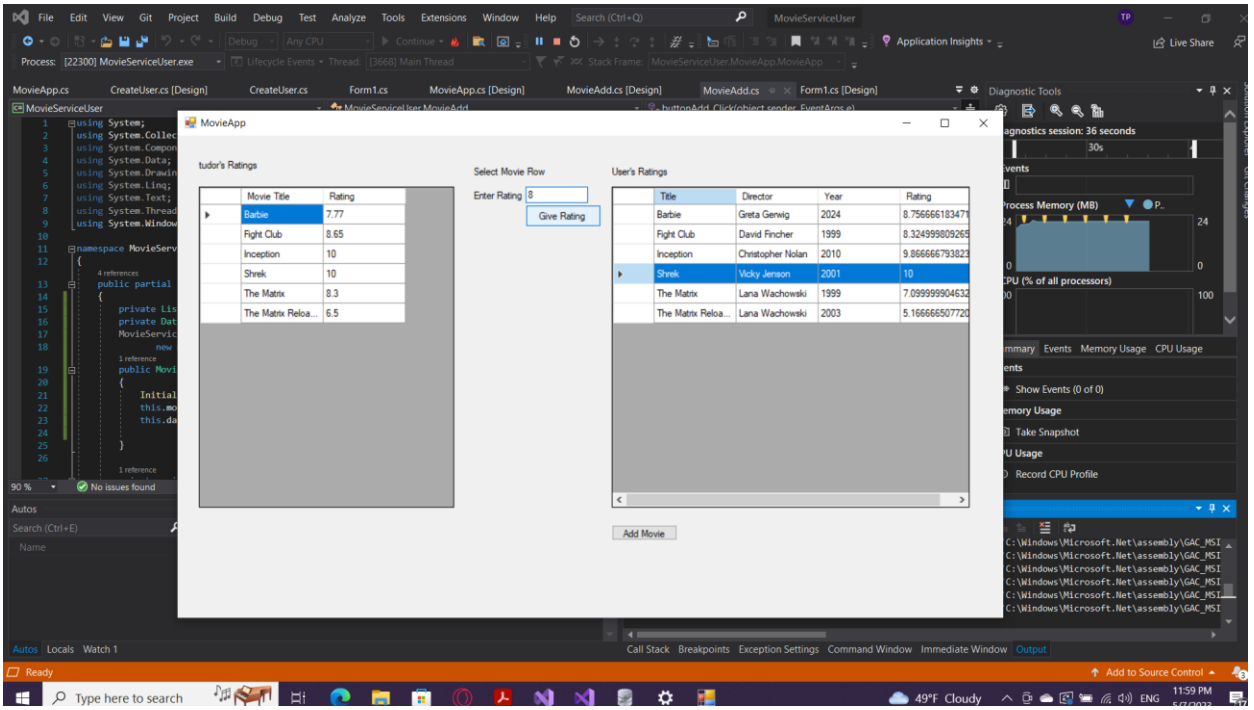
Indexes
Triggers
ratings
Views
Structure Data Constraints Indexes Triggers DDL
Grid view Form view
id user movie title ratino
1 NULL tudor Fight Club 8.64999961853027
2 NULL tudor Shrek 10
3 NULL tudor Barbie 7.76999998092651
4 NULL tudor The Matrix 8.30000019073486
5 NULL tudor The Matrix Reloaded 6.5
6 NULL tudor Inception 10
7 NULL poran Barbie 9
8 NULL ruxibuxi Barbie 9.5
9 NULL ruxibuxi Fight Club 8
10 NULL ruxibuxi Inception 10
11 NULL ruxibuxi Shrek 10
12 NULL ruxibuxi The Matrix 7.5
13 NULL ruxibuxi The Matrix Reloaded 6
14 NULL poran Inception 9.60000038146973
15 NULL poran Shrek 10
16 NULL poran The Matrix 5.5
17 NULL poran The Matrix Reloaded 3
Status
[22:29:52] Database passed in command line parameters (D:\Facultate stuff\II\TEMA2_2\MovieRatings\movies.db) was already on the list under name: movies
[22:33:08] Committed changes for table 'ratings' successfully.
movies (movies) Login (movies) ratings (movies)


Form1
username
tudor
password
12345
create user
login


MovieApp
tudor's Ratings
Movie Title
Rating
Barbie
7.77
Fight Club
8.65
Inception
10
Shrek
10
The Matrix
8.3
The Matrix Reloa...
6.5
Select Movie Row
Enter Rating
Give Rating
User's Ratings
Title
Director
Year
Rating
Barbie
Greta Gerwig
2024
Fight Club
David Fincher
1999
Inception
Christopher Nolan
2010
Shrek
Vicky Jenson
2001
10
The Matrix
Lana Wachowski
1999
The Matrix Reloa...
Lana Wachowski
2003
Add Movie


MovieApp
tudor's Ratings
Movie Title
Rating
Barbie
7.77
Fight Club
8.65
Inception
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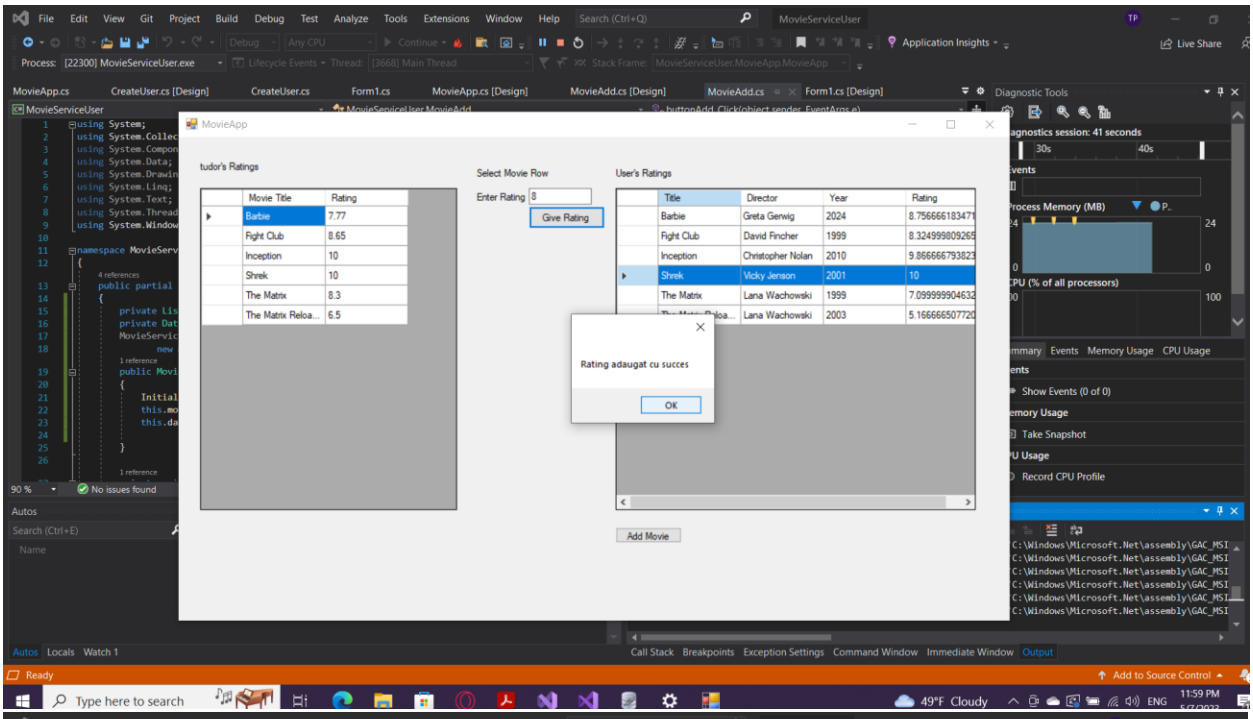
Shrek
10
The Matrix
8.3
The Matrix Reloa...
6.5
Select Movie Row
Enter Rating
8
Give Rating
User's Ratings
Title
Director
Year
Rating
Barbie
Greta Gerwig
2024
Fight Club
David Fincher
1999
Inception
Christopher Nolan
2010
Shrek
Vicky Jenson
2001
10
The Matrix
Lana Wachowski
1999
The Matrix Reloa...
Lana Wachowski
2003
Add Movie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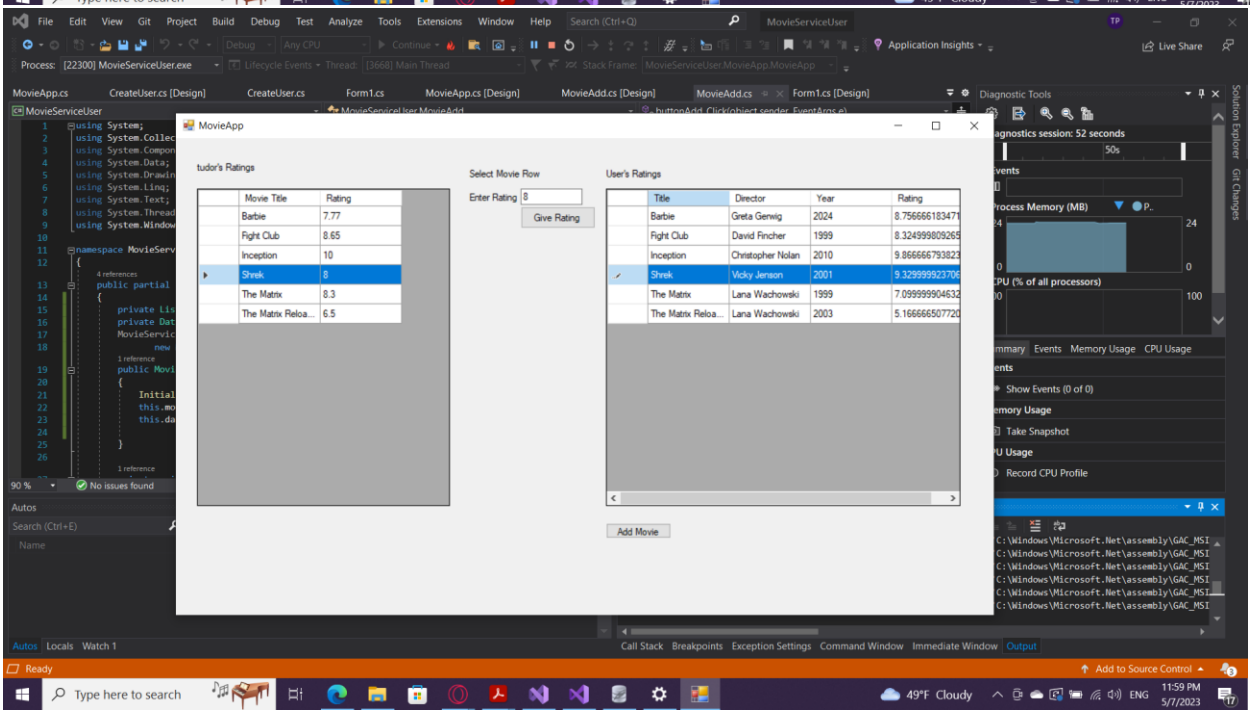
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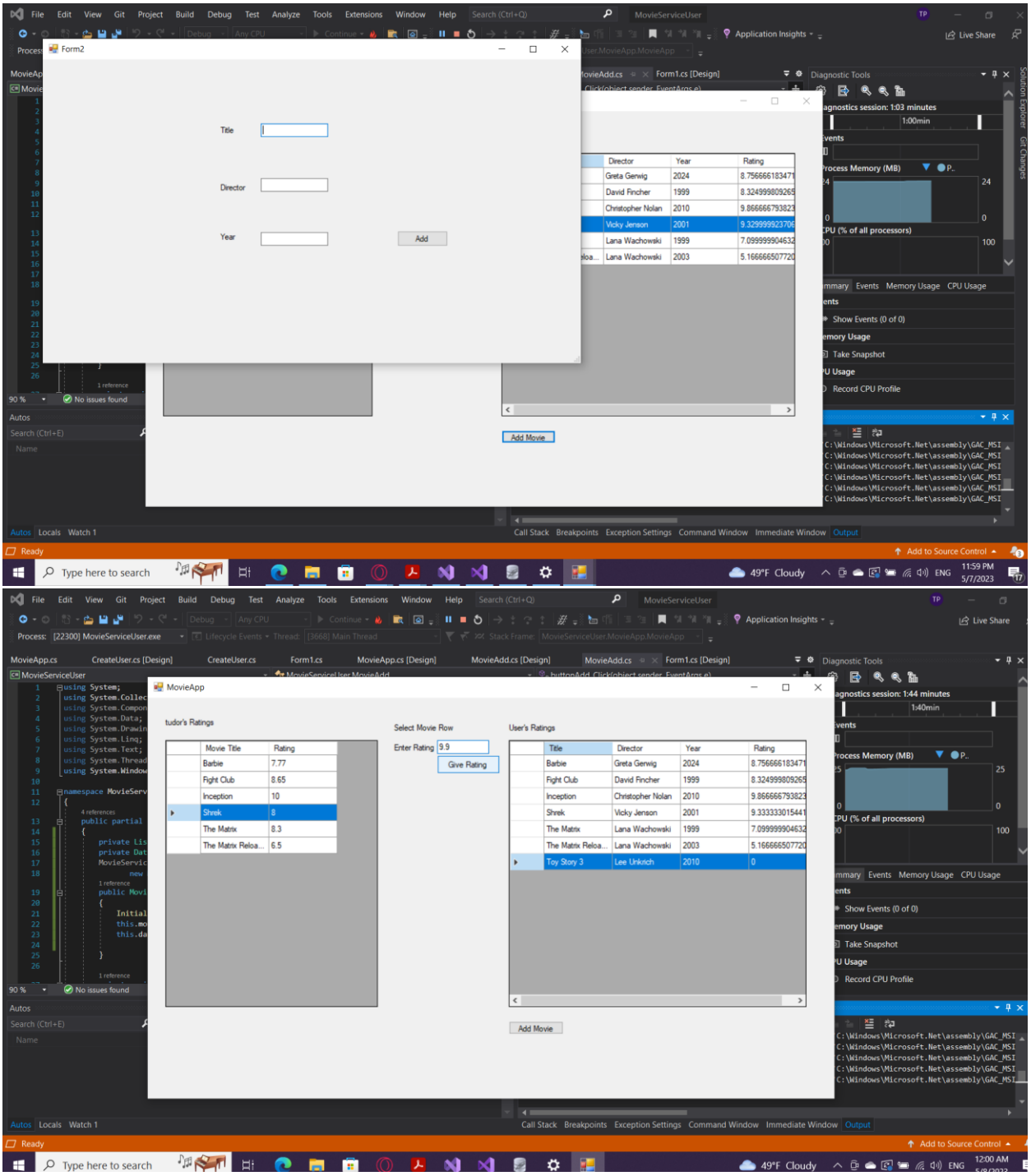
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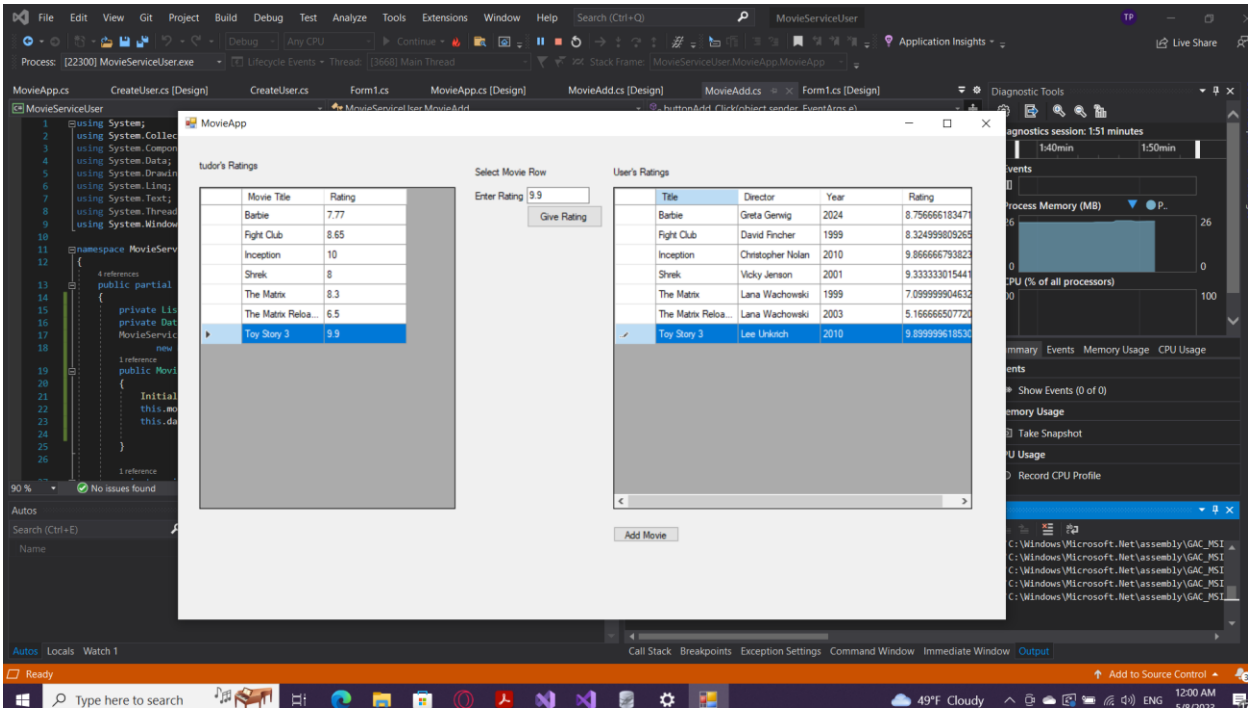
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