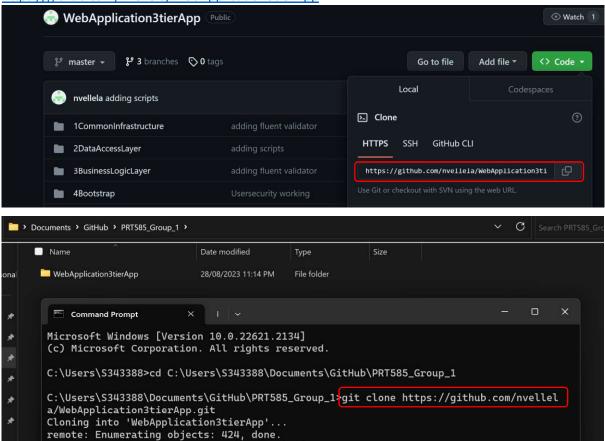
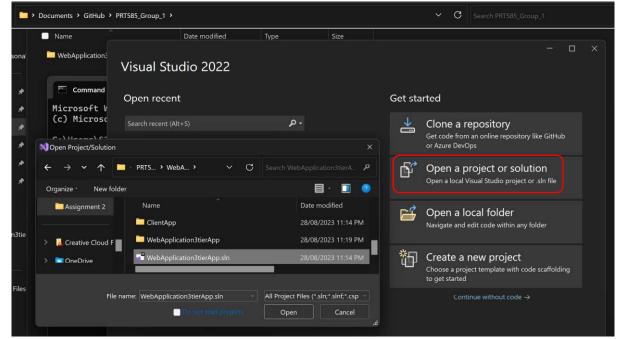
## **Run 3-Tier Web Application**

1. Clone the repository.

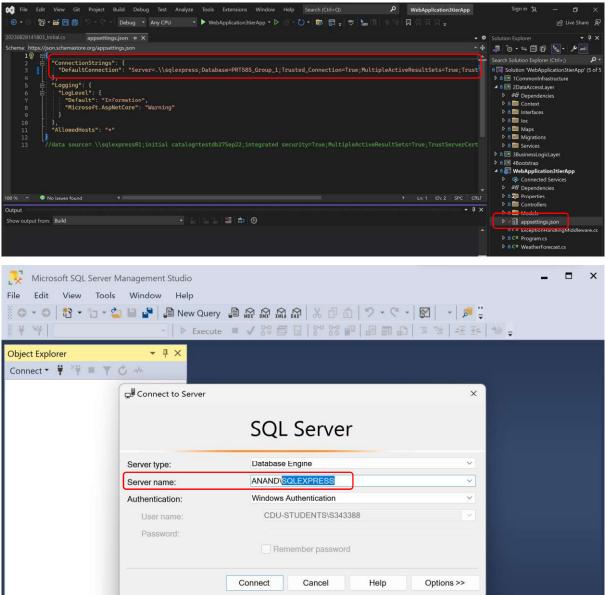
https://github.com/nvellela/WebApplication3tierApp



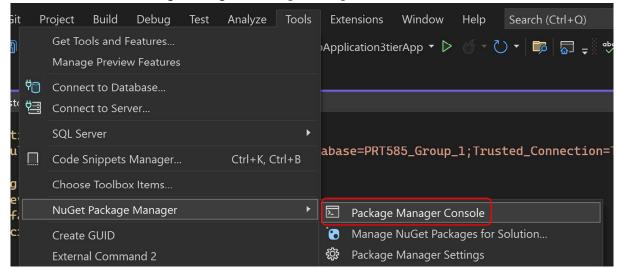
2. Open Visual Studio and open the 3-Tier Web Application project.



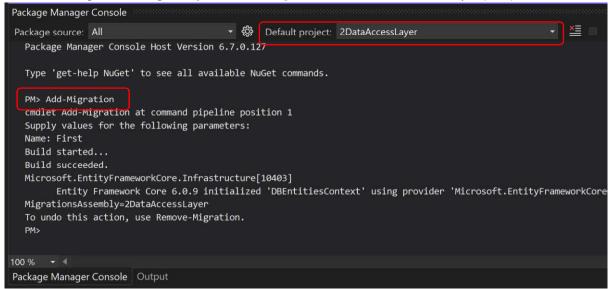
- 3. Open "appsettings.json" and update the connection string.
  - The server's name in the connection string should match the SQL server name.
  - Update the database name. For example, PRT585\_Group \_1



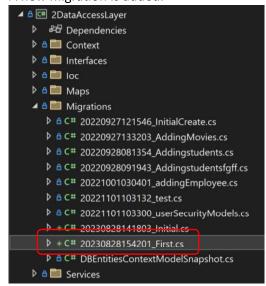
4. Go to Tools > NuGet Package Manager > Package Manager Console



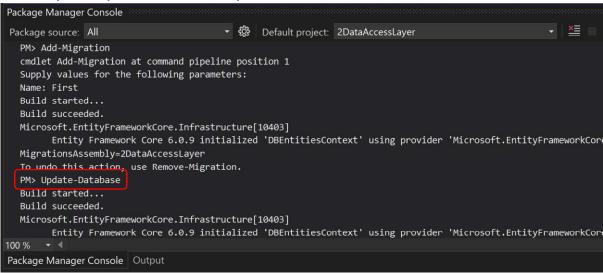
5. Add a new migration using the syntax "Add-Migration" in the Data Access Layer (DAL).



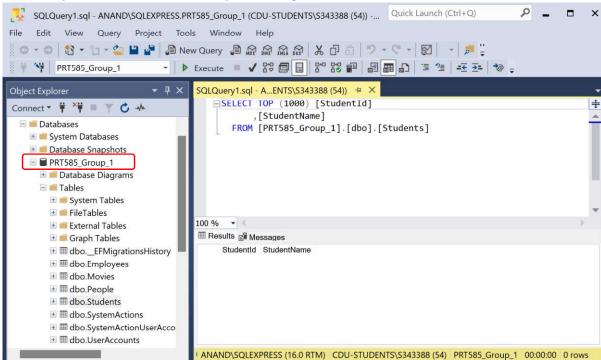
A new migration is added.



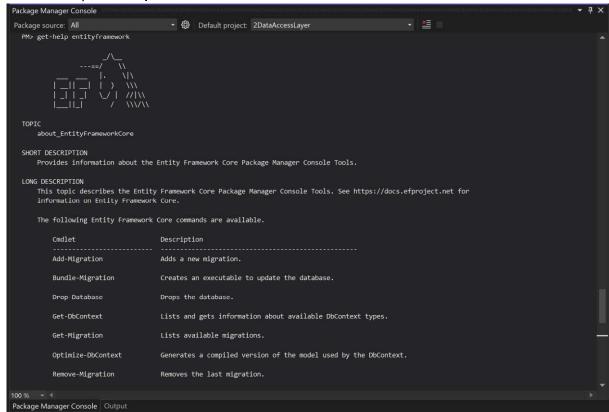
6. Use the syntax "Update-Database" to update the database in the SQL server.



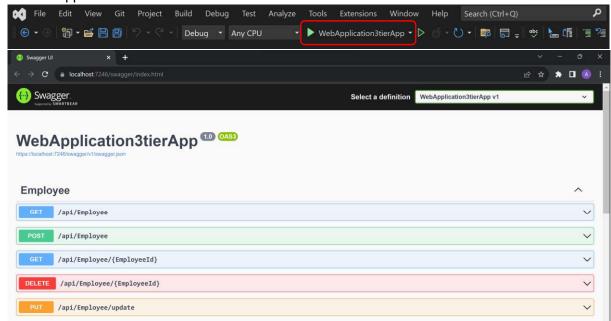
This will update the database to the specified migration.



- 7. Use the syntax "get-help entityframework" to see other commands to see Package Manager Console (PMC) commands for migration.
  - Use the syntax "Remove-Migration" to delete the last migration.
  - Use the syntax "Drop-Database" to delete the database.



8. Run the app.



- 9. Make a request.
  - Expand the **POST Student** endpoint.
  - Click **Try it out**.



- Change the example value (studentName) in the Request Body field.
- Click Execute.



Swagger UI submits the request and shows the response.



10. Verify that the student was created.

- Expand the **GET Student** endpoint.
- Click Try it out.
- Click Execute.
- The new student's name will be returned in the Response section.



Check the database to see the new student.

