



DATA ACCESS WITH DAPPER AND SQL



PRACTICAL C#

{ I AM TIM }
{ COREY }



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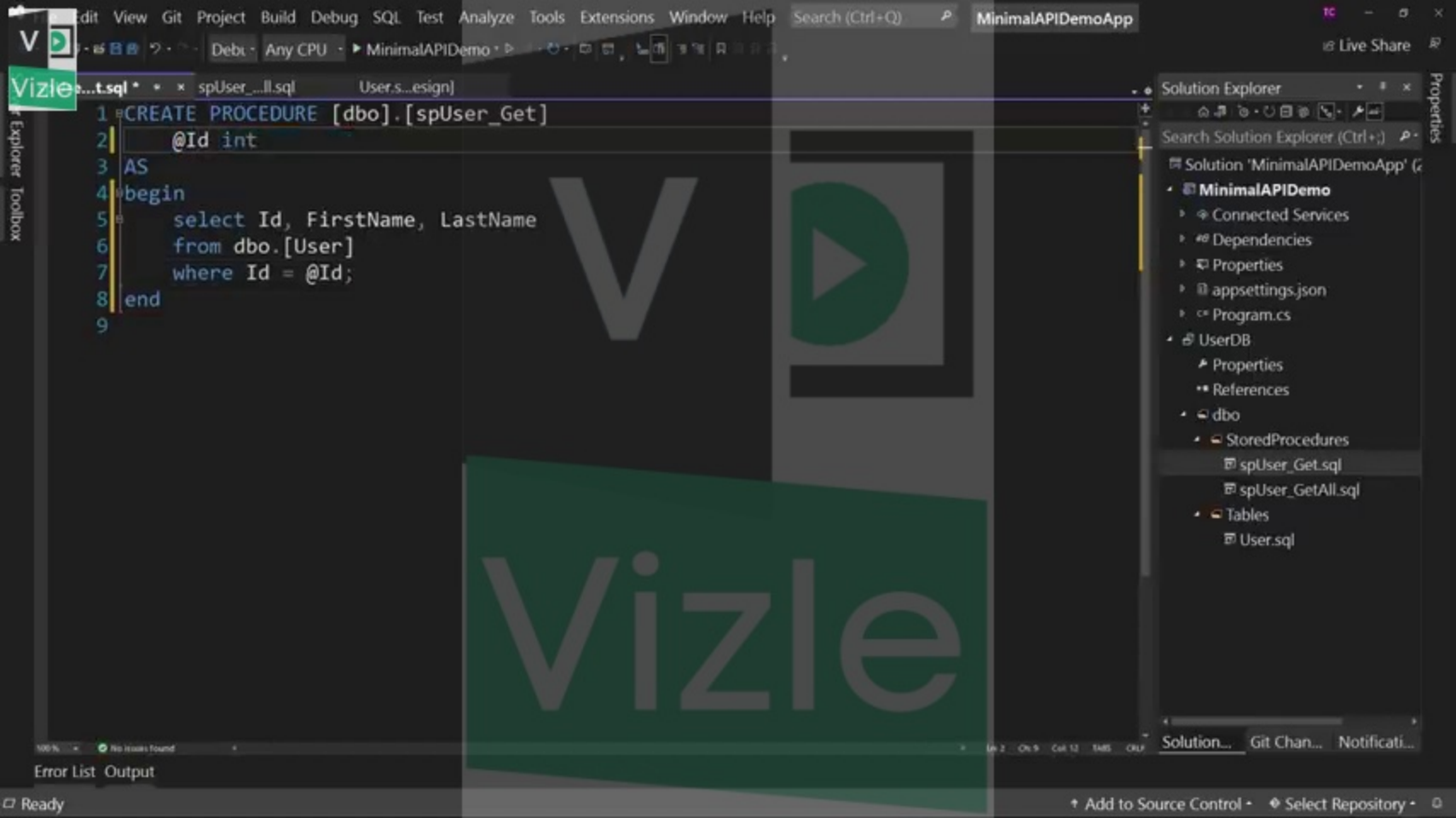
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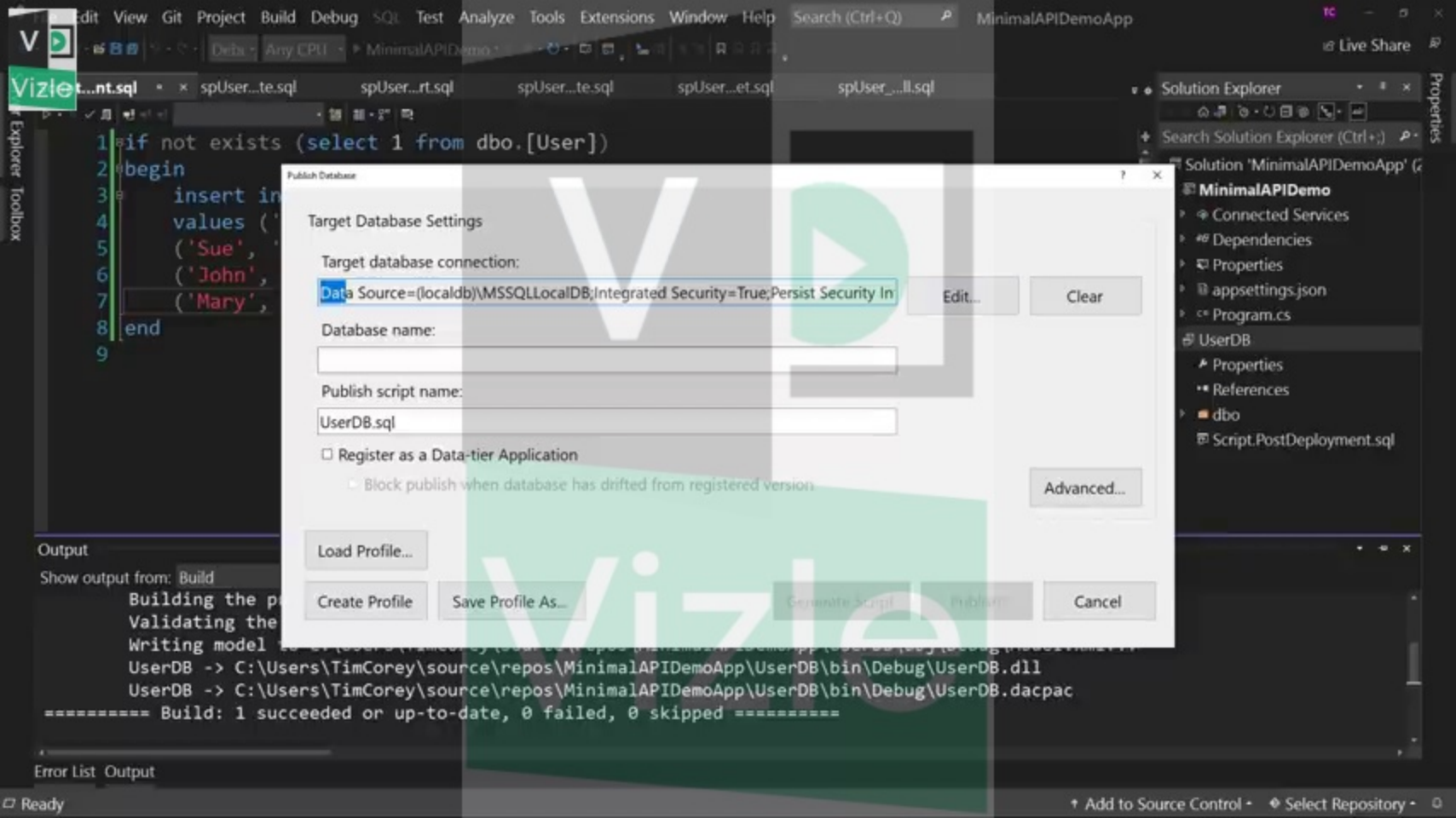
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```
1 CREATE PROCEDURE [dbo].[spUser_Get]
2     @Id int
3 AS
4 begin
5     select Id, FirstName, LastName
6     from dbo.[User]
7     where Id = @Id;
8 end
9
```

- Solution Explorer
- Search Solution Explorer (Ctrl+;) 🔍
- Solution 'MinimalAPIDemoApp' (G)
- MinimalAPIDemo
 - Connected Services
 - Dependencies
 - Properties
 - appsettings.json
 - Program.cs
- UserDB
 - Properties
 - References
- dbo
 - StoredProcedures
 - spUser_Get.sql
 - spUser_GetAll.sql
 - Tables
 - User.sql



Publish Database

Target Database Settings

Target database connection:
 Edit... Clear

Database name:

Publish script name:

Register as a Data-tier Application
 Block publish when database has drifted from registered version

Advanced...

Load Profile...

Create Profile Save Profile As... Generate Script Publish Cancel

```

1 if not exists (select 1 from dbo.[User])
2 begin
3     insert into
4     values (
5         ('Sue',
6         ('John',
7         ('Mary',
8     end
9

```

Output

Show output from: Build

```

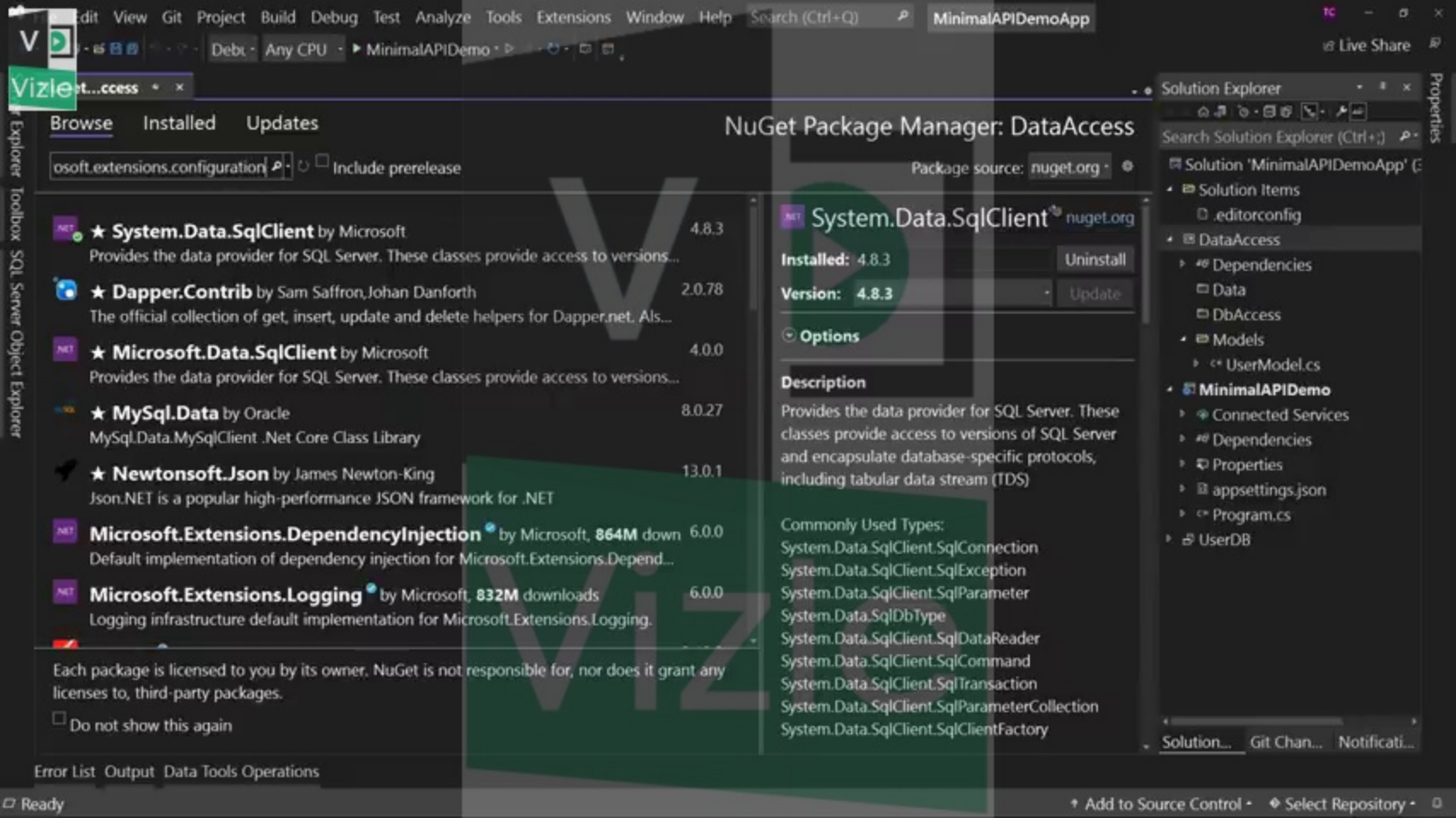
Building the project
Validating the project
Writing model
UserDB -> C:\Users\TimCorey\source\repos\MinimalAPIDemoApp\UserDB\bin\Debug\UserDB.dll
UserDB -> C:\Users\TimCorey\source\repos\MinimalAPIDemoApp\UserDB\bin\Debug\UserDB.dacpac
===== Build: 1 succeeded or up-to-date, 0 failed, 0 skipped =====

```

Solution Explorer

- MinimalAPIDemo
 - Connected Services
 - Dependencies
 - Properties
 - appsettings.json
 - Program.cs
 - UserDB
 - Properties
 - References
 - dbo
 - Script.PostDeployment.sql

Error List Output



Browse Installed Updates

oosoft.extensions.configuration Include prerelease

- ★ **System.Data.SqlClient** by Microsoft 4.8.3
Provides the data provider for SQL Server. These classes provide access to versions...
- ★ **Dapper.Contrib** by Sam Saffron, Johan Danforth 2.0.78
The official collection of get, insert, update and delete helpers for Dapper.net. Als...
- ★ **Microsoft.Data.SqlClient** by Microsoft 4.0.0
Provides the data provider for SQL Server. These classes provide access to versions...
- ★ **MySql.Data** by Oracle 8.0.27
MySql.Data.MySqlClient .Net Core Class Library
- ★ **Newtonsoft.Json** by James Newton-King 13.0.1
Json.NET is a popular high-performance JSON framework for .NET
- ★ **Microsoft.Extensions.DependencyInjection** by Microsoft, 864M down 6.0.0
Default implementation of dependency injection for Microsoft.Extensions.Depend...
- ★ **Microsoft.Extensions.Logging** by Microsoft, 832M downloads 6.0.0
Logging infrastructure default implementation for Microsoft.Extensions.Logging.

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NuGet Package Manager: DataAccess

Package source: nuget.org

System.Data.SqlClient nuget.org

Installed: 4.8.3

Version: 4.8.3

Options

Description

Provides the data provider for SQL Server. These classes provide access to versions of SQL Server and encapsulate database-specific protocols, including tabular data stream (TDS)

Commonly Used Types:

- System.Data.SqlClient.SqlConnection
- System.Data.SqlClient.SqlException
- System.Data.SqlClient.SqlParameter
- System.Data.SqlDbType
- System.Data.SqlClient.SqlDataReader
- System.Data.SqlClient.SqlCommand
- System.Data.SqlClient.SqlTransaction
- System.Data.SqlClient.SqlParameterCollection
- System.Data.SqlClient.SqlClientFactory

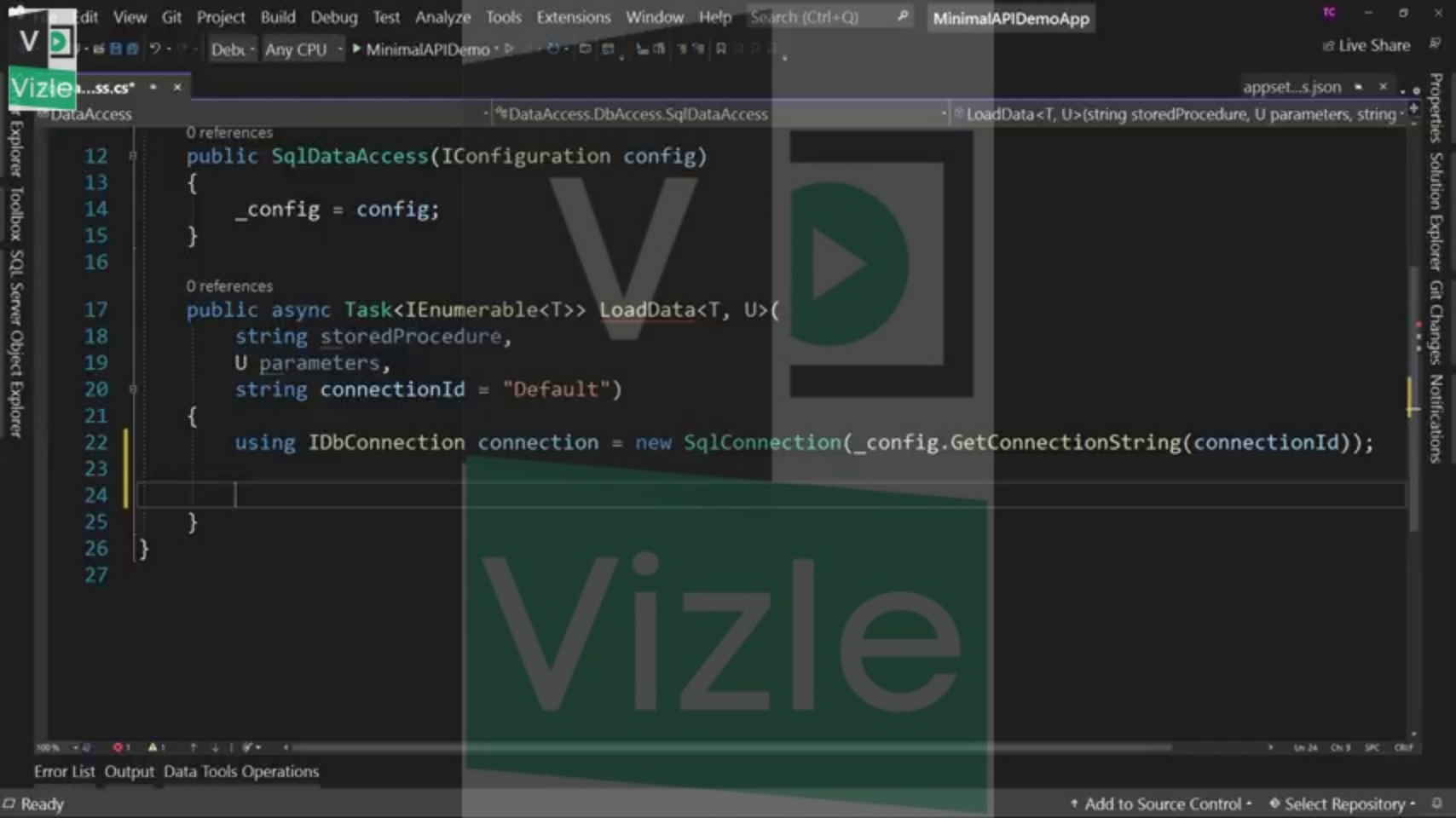
Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'MinimalAPIDemoApp' (C#)

- Solution Items
 - .editorconfig
- DataAccess
 - Dependencies
 - Data
 - DbAccess
- Models
 - UserModel.cs
- MinimalAPIDemo
 - Connected Services
 - Dependencies
 - Properties
 - appsettings.json
 - Program.cs
 - UserDB

Solution... Git Chan... Notificati...





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