**Steps for run the TestWebApplication application**

**Description**

The application is a net 8 application

There is a public repo: <https://github.com/kingabv/DemoApp>

**Prerequisites**

* Download the code and build it 🡪 a Publish folder will be created in the root which contains the self-contained application
* The application works with an **SQL database**, so you need to install the Microsoft SQL server, Express or Developer from [SQL Server Downloads | Microsoft](https://www.microsoft.com/en-us/sql-server/sql-server-downloads).

During the install, select to install the SSMS (SQL Server Management Studio)

If you forget to select (like me 😊) download it from [Download SQL Server Management Studio (SSMS) | Microsoft Learn](https://learn.microsoft.com/en-us/ssms/download-sql-server-management-studio-ssms#download-ssms)

Open the SSMS and run first the CreateDemoDatabase.sql script from the Scripts folder 🡪

this will create the database.

Then run the CreateCompanyItemsTable.sql script which creates the CompanyItems table with all constraints defined

* Define the following environment variable need for **Swagger**:

A screenshot of a computer

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* Restart the computer

From the **Publish** folder start the TestWebApplication executable which will start the service at the 5000 port:

A computer screen shot of a program

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Open a Chrome browser and type <http://localhost:5000/swagger>:

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Use the Authenticate endpoint from the Token controller to get a token. Let the “username” and “password” values from the Example Value:

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(If other users have to be set, these values could be defined in the future, in the appsettings.json file which is beside the executable file)

Use the token to authenticate for the CompanyItem:

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