**Steps for run the TestWebApplication application**

**Description**

The application is a net 8 application, self-contained which can be tested with Swagger.

The attached zip file has to be copied and extracted

The Demo root folder contains:

* The “publish” folder with the self-contained executable and the appsettings.json file
* A zip file with the source code to see also the unit tests
* The “Scripts” folder with the sql scripts to create the database and the CompanyItems table

**Prerequisites**

* 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 has to be set, these values could be defined in the appsettings.json file which is beside the executable file)

Use the token to authenticate for the CompanyItem:

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