# Cards Restful Web service Setup

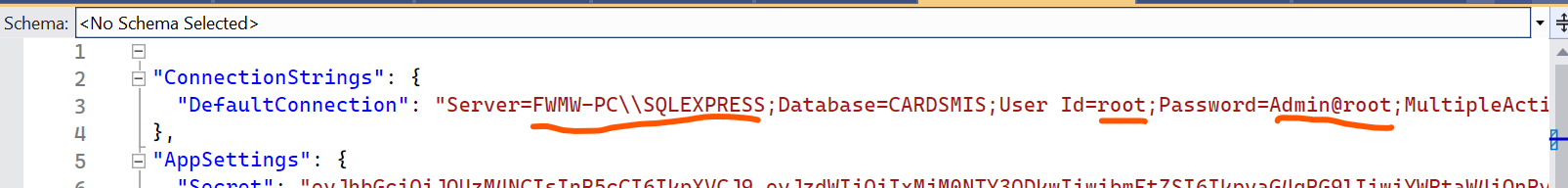
**Pre-requisites:**

Visual Studio 2022 Version 17.8.7

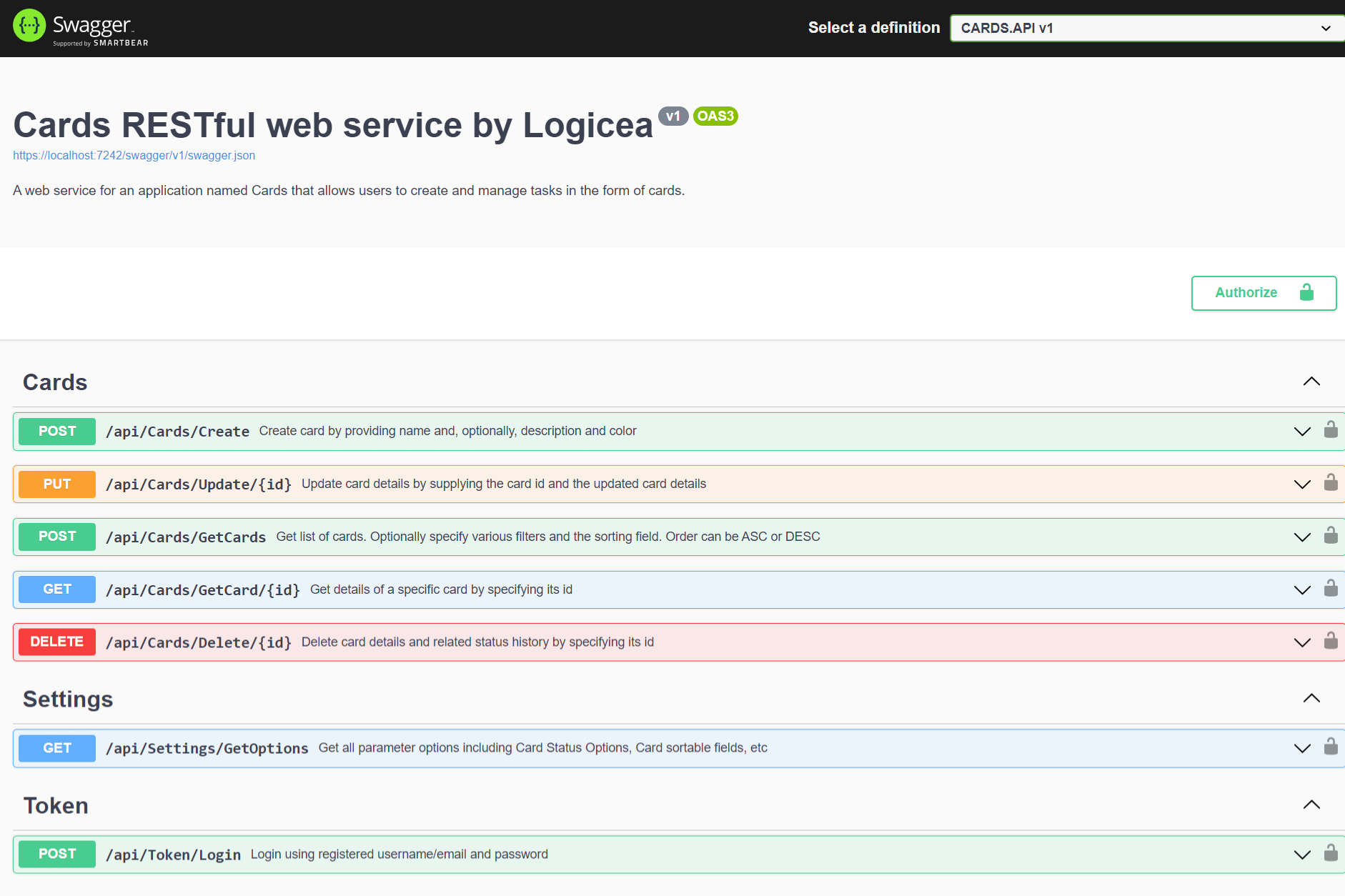
MSSQL Server 2019 or later

NB: The API is developed on **ASP.NET Core in . NET 8**

1. Clone the solution from <https://github.com/melchwanga/CARDS>
2. Navigate to /CARDS/CARDS.Database and extract the database file named CARDSMIS.zip.
3. Restore the database in MSSQL Server 2019 or later. Retain the database name as CARDMIS
4. Navigate to /CARDS and open the solution in Visual Studio
5. Open the appsettings.json for editing
6. Locate the connection string configuration and update the following as highlighted in the below screenshot:
7. Server; b) User Id c) Password



1. Ensure that the start-up project is set to CARDS.API and launch the project. The corresponding swagger UI will load in your default browser:



1. Scroll down to the Token section and try it out using below details to generate a token:

**For Admin Role**

**{**

**"UserName": "admin",**

**"Password": "AdminN0P@$$w0rd"**

**}**

**Or member role**

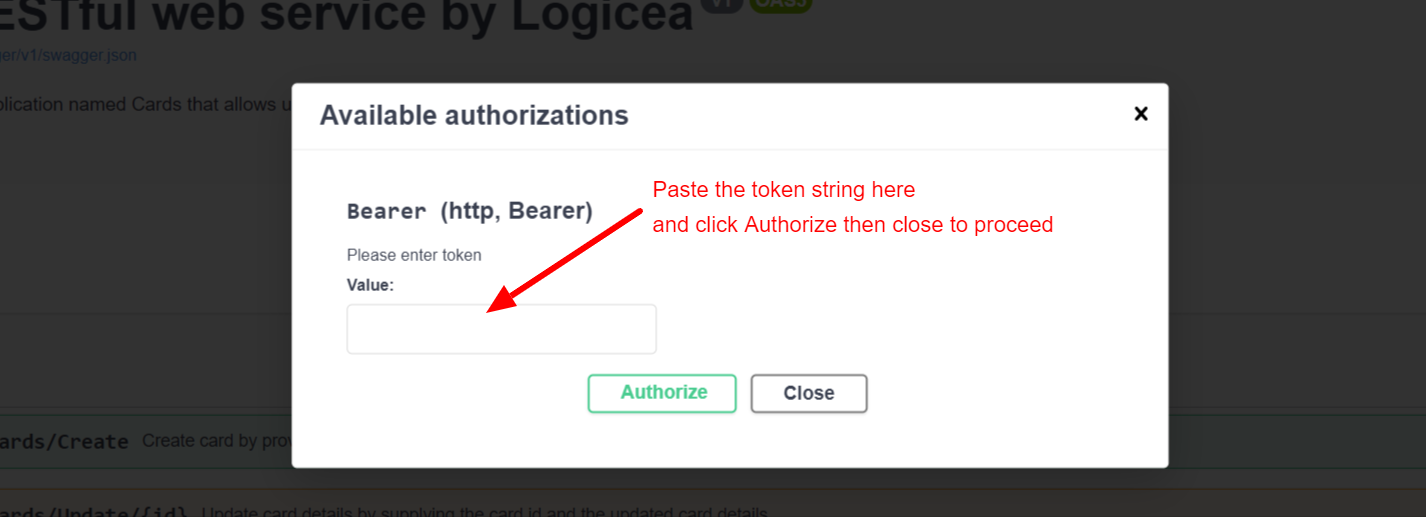
**{**

**"UserName": "memberone",**

**"Password": "MemberN0P@$$w0rd"**

**}**

1. Once successfully signed in, copy the token string from the response and use it under the Authorize section of the interface as shown below:



You can now test any endpoint as appropriate.