# System Requirements
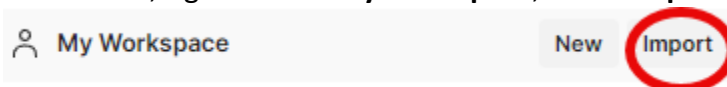
- Windows 10 or newer
- Visual Studio 2022 and .NET 8.
- Postman.

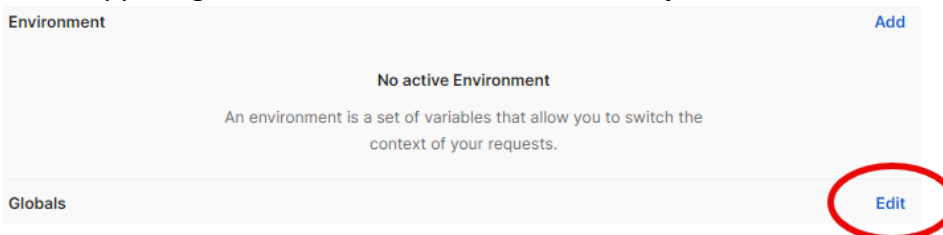# How to compile and run the API:

1. In Visual Studio 2022, open the **PatientInfo.sln** file.
2. Right click on the **PatientInfo.API** project and select **Set as Startup Project** if it has not already been set.
3. In the menu, select Debug -> Start Debugging.
4. Verify that the Swagger UI web page and the console are open.

# API Test (Client-side):

1. Launch Postman
2. In Postman, right next to **My Workspace**, select **Import:**



3. Drop **Take Home Test.postman_collection.json** file to the dropping area.

4. In the upper right corner, select the **Environment quick look** icon [icon] then click **Edit**



5. Add "portNumber" variable with the initial value and current value set to the port number that the https is listening on



6. Click Save.

7. For testing the API from the client-side, select each of the HTTP POST and click **Send** and then verify the expected body output.

## API Test (Server-side):

1. In Visual Studio 2022, right click on the **PatientInfo.API.Test** project and select **Run Tests**
2. Verify that all the unit tests are passed.