isun

Task for a .NET developer candidate

Build a console app isun.exe which will show and save weather forecasts retrieved from API. Weather forecasts should be periodically fetched every 15 seconds then printed and saved.

Console app should accept cities parameter, --cities city1, city2, …, cityN.
Example: isun.exe --cities Vilnius, Kaunas, Klaipėda

Please take into account that incorrect data might be entered, so the application should have proper error handling.

API specification: https://weather-api.isun.ch
Username "isun", password "passwrod".

Feel free to use any library or nuget package.

Application should be architected to be able to adapt to the upcoming requirements:

1. App could become a web or desktop app

2. API could change

3. Persistent data storage could change

Non functional requirements:

1. Use latest .NET

2. Implement logging

3. Write automatic tests (do not need to have 100% coverage, just cover what you think is important)

4. Write clean, high quality code.

Task submission:

The results must be submitted to nerijus.n@isun.ch

The source code should be placed in public repository on version control hosting platform such as GitHub, GitLab, Bitbucket etc.
The application should be placed in cloud storage such as Google Drive, OneDrive etc.