

Mediamaker Developer Test

Calculator / Microsoft .Net Web API

Brief

Produce a RESTful Web API that could be called by a frontend or backend application to handle basic calculations and return the result in the response.

Basic methods for calculations should include:

- Add
- Subtract
- Multiply
- Divide

Minimum Requirements

- Supply a Postman collection for your API
- Demonstrate an understanding of Dependency Injection
- Must be developed using Microsoft .Net 6 or above / C#
- Use JSON requests/responses
- Upload your API to GitHub or supply a zip file

Bonus Features

- Add basic Token auth with API key to secure your API
- Add EF Core with SQL Lite for logging requests
- Add a unit test

Allow 1 – 1 ½ hours to complete the test.