Create a simple web Application that implements the following functionality:

- Implement an http API with a single endpoint `/api/compute`

    - Requires some form of authorization (not a public resource)
    - Accepts 2 file formats as input:

        - csv

        - xlsx

    - Immediately returns an http response when the file is uploaded
    - Keeps track of requests in separate database table (user, time of request, reference to file)
    - Performs calculations asynchronously and stores the result in a separate table in the database which has a relation to the request table.
    - The file contains three columns **A** - left operand, **O** - operator, **B** - right operand. the supported operators are `+,-,*,/` e.g.:

        ```
        A|O|B
        1|+|2
        3|*|4
        5|-|6
        8|/|4
        ```

    - You need to perform the calculation for each row and sum the results. The final result should be a single number N = (1 + 2) + (3 * 4) + (5 - 6) + (8 / 4) = 3 + 12 - 1 + 2 = 16.0. Store this in the database.

- Implement admin UI where users could browse through the request and result entries.

- Implement unit tests covering at least the calculations

Bonus points:

- Demonstrate design patterns, clean code and best practices in your code
- Think about input validation
- Think about how you could defer the computation from the web workers.
- Think what is the best way to store files in a scalable way
- Instrument your application with monitoring, observability, error reporting
- Containerize your application (with Docker)
- Deploy and scale your application on the cloud
- Basic CI / CD pipeline

You have 2 weeks to send us your solution. Please create private GitHub repository and use it to share the code with us. If you have any questions, please don't hesitate to ask.