PHP BACKEND DEVELOPER TECHNICAL TEST

Task

Create a RESTful API to facilitate an expense management system. E.g. We want to be able to list, create, read, update and delete expenses.

Your work will be judged on accuracy of execution, maintainability, and general understanding of API's. Do NOT adapt an existing piece of work and leave extraneous code in your submitted files.

Return your project code to us as either as a zip file or in a public project hosted on Github or BitBucket.

In case any thing is not clear, please make an assumption and document any assumptions in the README file.

Criteria

- The expenses should have:
  - A description of the expense
  - A value for the expense
- The API should handle:
  - Listing all expenses
  - Creation of a new expense
  - Reading a single expense
  - Update of an expense
  - Deletion of an expense

- The API should be created in the Symfony framework.
- The API should communicate with a database to persist the expenses (MySQL or MongoDB).
- The API should have unit/integration tests.
- The API should conform to RESTful standards and best practices.
- The API should have good error handling.
- No Frontend is required, this is only an API.
- The API should return json formatted data

Bonus

- Provide an OpenAPI schema for the API.