Given:

* There are three JSON files with unique data formats: exchange.json, metadata.json, and candle.json.
* Each of the three formats has different data structures based on the financial instrument types, which include:
  + Stock
  + Cryptocurrency
  + Exchange traded commodity
  + Exchange traded fund
  + Fund
  + Index
  + Commodity
  + Mutual fund
* The unique ID for each financial instrument can be either the symbol or the ISIN.

Instructions:

* Your task as a developer is to independently design and develop a local (German) website that can display each financial instrument with an optimal UI/UX design with all it’s media queries.

Requirements:

1. Host the created files on GitHub and send me an invite access to the repository.

* Dockerize the complete application using Docker and Docker Compose.
* Ensure that your code adheres to industry best practices, follows proper design patterns, and is well-structured, readable, and maintainable.
* Implement unit tests and demonstrate a solid understanding of test-driven development principles.
* Optimize the application for performance and scalability, considering potential future growth and increasing data volumes.
* You are allowed to add multiple technology stacks to your Docker Compose file. For example, if you need an RDBMS or an in-memory database like Redis, feel free to include them.
* Demonstrate proficiency in version control using Git and set up a CI/CD pipeline on GitHub that automatically builds and deploys the application whenever code changes are committed.
* Provide comprehensive documentation, including a README.md file in the repository, with project information, technical specifications, and instructions for executing the application aside from mentioning all the technologies used, and the reason behind using it.
* You’re free to use any stack as long as: you maintain best practices, optimize performance, optimize SEO, and make the website accessibility friendly. (hint: use google lighthouse)