

# Software Engineer

## Coding Challenge (Hard Version)



### Description:

Develop CRUD functionality for `products` resources using the DummyJSON API (<https://dummyjson.com/docs/products>) by designing user-friendly tables and forms for the interface.

### Requirements:

- Next.js App Router and TypeScript
- Server Components and Actions
- Utilisation of TailwindCSS for styling
- Implementation of Zod for validation

### Bonus Points:

- Integration of additional features
- Implementation of all APIs for /products
- Docker Compose for development environment
- Inclusion of Unit Testing
- GitHub Workflow for any check
- Deployment on Vercel

### Evaluation Criteria:

- Adherence to specified requirements
- Code quality and organisation
- Functionality of the application
- Intuitive and user-friendly UI
- Efficiency in completion time

### **IMPORTANT !!!**

Please name your repository as uuidv4 (e.g. dd5a4bb3-4ba8-4fac-ac35-24136be6b054).

Please go to <https://www.uuidgenerator.net/version4> to get your uuid.

This is to prevent other candidates copying your solution.

Please submit your public GitHub repository link to the portal.