Backend Engineer Coding Assignment

So here you are, our Backend Engineering skills home assignment! This assignment will be reviewed by one of our own developers, we set the bar high 🔥

Just working code is not enough, we highly value good and clean code. Your code should be secure and well-structured (it should be easy to understand and run efficiently at the scales we operate on.) Please keep in mind that you need at least 2 to 3 hours to finish the assignment.

Assignment

Write a chat application backend in **PHP**. Users should be able to create chat groups, join these groups and send messages within them. For simplicity, the groups are public: any user can join any group. Users should be able to list all the messages within a group.

The data should be stored in a simple SQLite database. All communication between the client and server should happen over a simple RESTful JSON API over HTTP(s) (which may be periodically refreshed to poll for new messages). A GUI, user registration and user login are not needed, but the users should be identified by some token, username or ID in the HTTP messages and the database.

Please use the Slim framework for routing, you're free to use other external libraries as you wish. Try to make the code readable and clean, separate your concerns, and please add some tests.

To make sure future candidates build their own solution, we ask you to keep this as a private repo if you use GitHub to host it. You can submit your assignment by sharing your private Github repository link with bunq-Recruitment (recruiters@bunq.com)'s Github.

This is your chance to show us your skills, nail it! Good luck and may the Source be with you ⌨️