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Intern – Backend PHP Assessment

So you fancy joining our awesome tech team at Delivergate?

Well, we'd love to have you, but to save time during the interview and to get to know your skills a little better, we kindly ask that you carry out the task below.

The purpose of this test is primarily to examine your problem-solving skills, it will not be analyzed using automated tools, and you should not spend any more than the bare minimum amount of time developing a user interface.

The test contains two parts to the solution:

The Problem

There is a pharmacy. With the owner, Manager and Cashier. So they need a system to reduce their workload and a more efficient system than manual processes.

This pharmacy has the following operations.

- Maintain Inventory (medicines)

- Maintain Customer records (Including customer details)

But there are some restrictions. For this system,

- "add Items/add customers " operations are only done by Owner. Others should not have privileges for adding Items or customers.

- Cashiers can 'Remove Items" and "Edit items", but cannot do any other operations.

- Manager can Update and delete customer details, but cannot do any other operations.

For the above system they need a proper user logging mechanism for managing above mentioned policies.

Duration of test

To perform the above task, spend a maximum of 3 days. The sooner the submission, the better.

Test submission

To submit your application, you should send a GitHub repository link to careers@delivergate.com (Please make sure you add your name and the position you are applying to in the subject). The submission should contain the following:

1) Please develop a backend project (using PHP Laravel Framework) to fulfill the above-mentioned requirements. No need for any front-end developments. We need just end points with proper validations.
2) Please draw a database diagram and provide a simple document that includes the ER diagram of the project.
3) Finally provide a postman request collection for above project endpoints.
4) Please put your project to GitHub or bitbucket and please share it with us for testing.

Complete it to the best of your ability showing off all your skills and don't hesitate to contact us for any questions.

Good luck!