

TECHNICAL TEST - SOFTWARE ENGINEER

Estimated time: 2.5h-3h

We need to create a small application with Laravel 10 that will have the features to view/create departments and assign users to them.

Departments:

- Each department must have an id and a name (you can add more fields if you consider it necessary).
- A department could belong to another department (could be a subdepartment).

Users: id, name, email (you can add more fields if you consider it necessary).

The view must have the following features:

- View generated departments and hierarchy between them.
- Create, edit, and delete departments.
- Create, edit, and delete users.
- Assign/remove people to departments.

Additional Notes:

- The depth of the tree is N children and each department has N users. A user can belong to multiple departments at the same time.
- Tests must be included.
- The use of tailwind must be included.