Backend Exercise:

You need to:

1. Create an API with authentication using Laravel Passport
   Notes: implement a uniform response format and perform CRUD operations for at least two resources.
2. Create the user interface using ReactJS (typescript) for the API endpoints.

Specific Requirements:

- Configure and set up Laravel Passport for authentication using email and password credential.
- Implement a uniform response format for all API responses, including success and error responses.
- Create routes, controllers, and models for at least two resources.
- Implement CRUD operations (Create, Read, Update, Delete) for the chosen resources.
- Apply authentication using Laravel Passport to secure the API routes.
- Implement request validation for each API endpoints.
- Add relationships between the resources and implement nested CRUD operations.
- Implement role and permissions management (ex: admin, manager).
- Create documentation for the API endpoints, including authentication requirements and uniform response formats.
- Create the authentication and dashboard page that implements the authentication middleware.
- Make sure that the dashboard UI has a sidebar on the left side to switch between the resources page.
- Show the error validation on each input of the form.
- Implement DRY to make re-usable component for the ReactJS app.
- Store the project on your GitHub account.
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Bonus **(optional)**:

- Deploying the API and frontend to the server.