

Assignment

You will need to create a web application. The main goal of application - make an authorization system and perform CRUD operations on users and shops applications.

During this assignment you will need to use Django and Django REST Framework, using API endpoints - as a backend part and Vue.js - as a frontend part.

Deadline - 3-4 days since start.

SHOP APPLICATION

A Shop model should have the following fields: shop_id, name and user (owner of shop).

Many users can be connected to one shop.

USERS APPLICATION

App to perform auth logic, and for custom User model

DATABASE

You will need to use MySQL or PostgreSQL DB for this project and not the default Sqlite

AUTHORIZATION SYSTEM

User should have two different types: USER and ADMIN (you cannot use default Django's is_superuser field, so make custom User table, you can change user type from Django admin). By default User will have a USER type.

User with type USER should be able to register, confirm his email, log in to system and see his profile (email, username, whatever). He should be able to change(update) his profile. He cannot access other users, and cannot access to shops application/endpoints

User with type ADMIN can access all users, can perform CRUD operations with them, and also can access to shops application and perform operations with them.

FRONTEND

Frontend part must have a component approach (similar components should be reused by others through web application)

You need to use Vuex to save your state, and to make a requests on backend endpoints.

You can use bootstrap for Vue.js to make cool design, font-awesome icons, if you want

CONCLUSION

You will need to upload your code on your github page (with instructions how to run application and screenshots in README file)