For this project I needed to create an admin panel for the needs of the existing frontend application,

which will manage the entire data of the application.

First task was to implement an option for authentication. Unregistered users are not allowed access the application. There is no option on the app for registration of new users (because the application will be used only by admins whose accounts will be inserted directly in the database, I did not use Laravel Breeze for authentication and registration).

Next task were CRUDs for blogs and videos and api routes which will list all added blogs and videos. For

each blog you will keep title, image, text, category and creation date. For each video you will keep an image, link to the video and creation date. All blogs and videos can be edited and deleted.

Much like blogs and videos there is CRUD for partners. For each partner you will keep name, picture, link to website and what type it is: regional, international or official.

Partner types are stored and read from a separate table in a database.

API routes are created on which frontend will make a POST request every time a new one form will be completed. The frontend application can access the app through the API routes for the application forms for computer, for volunteering and contact form. Each one of these forms sends different fields (the correct fields can be identified from a Figma file which was presented to us – print screen provided).

In addition to the API route for saving forms, there are display pages for all forms. The administrator can go to the page where he/she will see all applications for computers or equipment. There is an option to archive an application as well as an option to change the status of application (new/invalid/completed). There is filter option for each column of the table using DataTables (https://datatables.net/). All API routes are protected with middleware (a custom middleware prepared for this task only).

There is option to create applications by clients who want to get a computer or equipment. There are 2 ways to create a client. The first is directly from side of the administrator through the administrator

panel. The second option is through a frontend form where site visitors can register themselves and access the app through the API route and save the data in the database

The last task was for the administrator to enter in the panel always when there is a new donation. When a new donation is ready, administrator needs to login in this menu and choose one of the existing applications. A donation can be made only to applications who so far have not received a donation. The donation is registered in text box where the admin will enter what is being donated to the current

client.

And last task is an API route that returns information about the current statistics, that is, the number of

active partners and number of completed donations.