

## Project Report

We are 'onaonaopyat' and our project is called realty. Initially, our goal was to make a website with the sale and rental of houses. The idea came from the fact that many Kazakh sites with sales and rentals were not very convenient, especially with the situation in the world, it was difficult to choose apartments and houses. As the students who regularly rent apartments, we are often faced with the problem of housing. Often in ads is not enough visual information. We couldn't determine the condition of the apartment from a couple of photos, so we had to drive ourselves to see the apartment live. The possibility of adding a video to an ad would greatly facilitate the process of choosing your future home, not to mention the current state of the world. During a pandemic, it is strictly recommended to observe social distancing, and our project brilliantly helps in this. And so the idea came to us to make our own website.

We spent a whole semester working on the project and learned a lot of new things and also faced a lot of problems. The first experience in working with Relational Algebra. In previous semester we didn't know about it. We did learn some good things for our projects.

In addition to academic knowledge, we have acquired time management. Because it often happened that we did not have time and because of this in the next steps we tried not to make such mistakes.

In the process of working with the frontend and database, there were many problems, such as we did not know how to create a primary key and foreign key at all, because we had previously used oracle developer. There were not so many problems with the frontend, because the idea of the frontend is not so complicated, but still at the beginning of the project it was hard to remember the frontend, because the last time we used it was in the 2nd year of the 1st semester. During the development of the frontend, we used bootstrap, since it was possible to create a website from a ready-made adaptive version.

We had a problem with tables, we changed it twice, not cardinally, but we indeed changed some parts to fit the project. Also, had the problem that members created wrong tables and because of it we often got confused until we realized what the problem was.

The good part of this project is actually teamwork, and some new knowledges what we purchased during creating project.