

## Report 5

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For this week we have done:

1. Authentication; Authorization; Permissions
2. Expiration time for tokens
3. Search for products

For the next week:

1. Report for the midterm 1  
We have done all requirements for the midterm 1 and further we are gonna to ready a report. Consequently we also planned to start midterm 2 requirements for the next few weeks.

Obstacles by the project:

The main difficulties were when it was necessary to add permissions. Check the user's role each time and whether he is the owner of this product. It was not easy for us to write code that would check all this without errors.

By the coding:

1. By every product we could check the user's role, permissions.
2. Authentication and authorization work fully now.
3. We have added expiration time for tokens: access and refresh tokens are available now.
4. Now we can search products, to search we have to add a query parameter and make a GET request.