

APBD - Exercise 6

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Task 1 - adding authentication using a JWT token

Based on the lecture material, implement the authentication mechanism with the help of the JWT token. Add a login endpoint using the index number and password. Add the Password field to the Students table. For now, the password can be saved as plain text in the database. Secure the EnrollStudent and PromoteStudents so that only users with the employee role can use them.

Task 2 - refresh token

Modify the authentication mechanism so that it allows us to use the so-called "Refresh-token". Implement the appropriate endpoint, which will be able to issue new tokens based on the refresh-token.

Task 3 - implement secure password storage

Modify your code so that your passwords are kept in a secure way. You will find tips in the lecture material.