

**Get to know TSU through a student's eyes**  
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**Project Description:**

The project is a web-platform for TSU Computer Science students, where it is possible to receive and share information about lecturers, subjects, the learning process, and life at the university. Students create a profile, rate lecturers and subjects, share outlines, and communicate with fellow students.

**Problem:**

Students often lack reliable information about lecturers' styles, subject difficulty, and learning process details, which makes selecting subjects and planning their studies difficult.

**Approach to the solution:**

Creating a centralized platform that will allow students to share experiences and learning materials, write evaluations, and quickly find the necessary information.

**Technologies used:**

- Front-end: React + Vite
- Back-end: ASP.NET Core 8 (Web API architecture)
- Database: Microsoft SQL Server
- ORM: Entity Framework Core (also with MySQL support)
- Authentication: JWT (JSON Web Token)

**References**

<https://tsu.ge/>

<https://jwt.io/introduction>

<https://medium.com/@madu.sharadika/authentication-and-authorization-in-net-web-api-with-jwt-b46ef2f54e31>

React Documentation: <https://reactjs.org>

Material-UI: <https://mui.com>

Axios API for Handling: <https://axios-http.com>

Context API Guide: <https://reactjs.org/docs/context.html>