

**VILNIAUS KOLEGIJA / UNIVERSITY OF APPLIED SCIENCES
FACULTY OF ELECTRONICS AND INFORMATICS**

**VERIFIED BY
Vice Dean of Faculty of Electronics and
Informatics**

_____ **dr. Loreta Savulionienė**

October 4, 2021

FINAL PROJECT ASSIGNMENT

Given to undergraduate **Džiugas Pečiulevičius** of group **PI18E** on October 4th, 2021.


Final Project Title: Implementation of user loyalty system into e-commerce application.

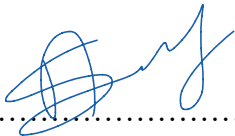
Final project description

The main idea of the project is to implement user loyalty system into an e-commerce web application where user would be able to collect, track and spend loyalty points.

Project tools and components for project would be “React.js” for the client-side functionality of the project, as well as “Node.js” with “Express.js” for the backend where most data are handled and “MongoDB” for database where it is stored. Also, to check if the application works as intended and there are no breaking changes introduced, the application should be tested with “Jest” & “Enzyme”. Project result would be functional e-commerce loyalty system. User should be able to collect points according to the amount spent on the platform. There should also be a separate page to track and spend their loyalty points.

Final project will be defended in the meeting of Software Development department on January 5, 2022.

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