

VILNIAUS KOLEGIJA
FACULTY OF ELECTRONICS AND INFORMATICS
SOFTWARE DEVELOPMENT DEPARTMENT

FINAL PROJECT REVIEW

Title of the final project	Implementation of user loyalty system into e-commerce application
Author of the final project	Džiugas Pečiulevičius
Reviewer	Šarūnas Gavėnas , Head of the Information Technology Board of the Police Department under the Ministry of the Interior, Master of Engineering Informatics

The aim of the final work, tasks, problem solving

The main goal of this final work was to implement a user loyalty system into an e-commerce web application. To achieve the set goal, 5 specific tasks were formulated. From the description of the final work, it can be concluded that the author has solved the set tasks and achieved the formulated goal. To achieve this goal, the author has clearly demonstrated professional ability to analyze and design data structures, design and implement algorithms with selected software tools, and the ability to design, develop new and improve existing software solutions.

Evaluation of the theoretical part

The final work provides a detailed analysis of functional requirements, identified and described in detail the use cases, and an activity diagram for each case provided. The analysis of non-functional requirements has been performed and described in sufficient detail. The designed database is presented with the help of an entity-relationship diagram.

Evaluation of the research / design part

The software implementation is described in detail. The front-end and back-end parts are clearly distinguished. The structure of the program code is explained in detail.

Relationship of the research / design part with the theoretical part

The connection between the research/design part and the theoretical part is well demonstrated.

Results and conclusions of the final work

The conclusions and suggestions of the final work are focused on the description of the system development process, certain accents. I missed a bit of a specific emphasis on the results achieved and their relevance to the formulated tasks. It is clearly emphasized that the product will be further developed.

Practical significance of the final work (possibilities of application)

Due to the relevance of the chosen area, it is likely that the results can be applied in practice.

Correctness of language

The final work is written in English fluently enough. Minor grammatical and style mistakes can be found.

Advantages of the final work

The author has chosen good methods and means to achieve the set goal of the final work. He applies adequate methods of analysis and demonstrates good theoretical knowledge according to the professional competencies of the work. The conclusion of the final work answers the goals raised questions and correspond to them.

Disadvantages of the final work

I did not notice any significant shortcomings in the final work. A minor drawback could be the lack of informativity in user manuals.

Questions for the author of the final work

The conclusions mentioned that it is planned to adapt the solution to mobile devices. What specifically needs to be done to adapt the solution for mobile devices?

Thesis evaluation (in a ten-point system)

9 (nine)

Šarūnas Gavėnas

2022-01-23