VSB TECHNICAL
UNIVERSITY
OF OSTRAVA

FACULTY OF ELECTRICAL
ENGINEERING AND COMPUTER
SCIENCE

Ref. no.VSB/23/042277

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Classification of Bachelor Thesis – opponent

Author of classification: Ing. Jan Janoušek
Supervisor: Ing. Michal Radecký, Ph.D., MBA
Opponents: Ing. Jan Janoušek
Title: Development of Modern Web Applications
Thesis version: 1
Student: Thanh Tuan Nguyen

1. *Meeting the requirements of the thesis assignment.*

    The assignment was formally fulfilled, despite the fact that the author, in my opinion, deviates thematically in some points from what was originally intended in the assignment. A framework analysis was requested. But the author focuses only on one framework and individual web technologies.

2. *Thesis technicality evaluation.*

    The text of the thesis is logically structured and the individual chapters are interconnected. The formatting of the document is not completely correct, which is due to the fact that the document was written in Microsoft Word. For example, the text has jumped headings, jumped descriptions of list items, etc.
    The description of the implementation itself is a textual description of the code rather than a description of the problem to be solved. The author goes into such details as how many pixels to set the position of an HTML element.

3. *Results evaluation of the thesis.*

    The result of the thesis is the implementation of the client side of the e-shop using the React framework based on a selected case study. The resulting application is functional and relatively well implemented. The biggest problem I see is the shortcomings in responsive design, which is quite crucial nowadays, especially for the topic of this thesis.

4. *Evaluation of the new findings contribution.*

    The thesis is a compilation and as such does not bring new knowledge. Which was not the intention.

5. *Utilization and selection of information sources.*

    I consider the choice of sources sufficient for the topic of the thesis. The passages taken are properly quoted. But what is not right is the referencing of the taken images. Although the student is not the author of some of the images, these images are not referenced in any way.

6. *Question for the defense of the thesis.*
    • Why did you choose React for your implementation?
    • Do you believe that it is appropriate to implement the frontend of the e-shop as a single page application?

7. *Summary evaluation.*

Although this thesis is at a relatively good level in terms of implementation. Based on the criticisms already mentioned, I cannot rate it as too successful.

Overall classification: good

Ostrava, 22.05.2023

Ing. Jan Janoušek

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In IS EDISON submitted: 22.05.2023 07:17:02