



SUPERVISOR'S EVALUATION OF THE BACHELOR'S THESIS

Student: Jameel Sara Arghwan

Supervisor: Ing. Radek Vala, Ph.D.

Study program: **Software Engineering**
Study course/Specialization: -
Academic year: **2022/2023**

Bachelor's Thesis topic: **Comparison of Modern JavaScript Web Frameworks**

Evaluation:

	A	B	C	D	E	F
Evaluation: A – Best; F - Unsatisfactory						
1. Fulfilment of all points of the assignment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Suitability of chosen resolution methods	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Division of work (chapters, subchapters, paragraphs)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Working with literature and citations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Level of linguistic elaboration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Formal level of work	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Theoretical part elaboration quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Practical part elaboration quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Achieved results of the work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Contribution of the thesis and its exploitation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Cooperation of thesis author with the supervisor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Result of the plagiarism test:

The work was assessed in terms of plagiarism with the result 3% identity. Higher identity was found only in frameworks files. Work is not plagiarism.

Overall evaluation of the thesis:

The resulting mark is not the average of all of the abovementioned evaluations. The mark is awarded by the thesis supervisor according to their deliberations and the ECTS classification scale:

A – Excellent, B – Very good, C – Good, D – Satisfactory, E – Sufficient, F – Insufficient.
Grade F also means “I do not recommend this thesis for defence.”

I recommend this diploma thesis for its defence and suggest the following evaluation:

A - Excellent.

In the case of an “F – Insufficient” grade, provide comments and the shortages of the thesis and the reasons for this assessment.

The aim of the bachelor thesis is to present a comparison of two front-end development tools. The choice of the React and Svelte framework has been justified and both technologies have been sufficiently introduced in the theoretical part. A simple demonstration application was implemented using both chosen frameworks. Furthermore, a measuring methodology was established, measurements on the prototype applications were performed, and performance parameters were compared. The Chrome Timing API was appropriately used for this purpose. The student also added her own subjective assessment, which provides a valuable perspective on discussed issue. I

also appreciate the presentation of the results of similarly focused works. Specifically, these are scientific publications, because currently this topic is not yet addressed on developer blogs or forums. The presentation of these results also makes the work more than complete.

Date: 1. 6. 2023

Thesis Supervisor's Signature: