

## I. IDENTIFICATION DATA

<b>Thesis name:</b>	<b>Website builder – technical design and prototype</b>
<b>Author's name:</b>	<b>Peter Tóth</b>
<b>Type of thesis:</b>	bachelor
<b>Faculty/Institute:</b>	Faculty of Electrical Engineering (FEE)
<b>Department:</b>	Department of Computer Science
<b>Thesis reviewer:</b>	Bc. Petr Huřták
<b>Reviewer's department:</b>	

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	<b>challenging</b>
<i>Evaluation of thesis difficulty of assignment.</i>	
The thesis is about designing and building a prototype of website builder which presents many interesting problems like designing components that users will be able to use, defining the scope of their customization and interaction between each other and preserving the state of the app along with outputting final webpage.	

<b>Satisfaction of assignment</b>	<b>fulfilled</b>
<i>Assess that handed thesis meets assignment. Present points of assignment that fell short or were extended. Try to assess importance, impact or cause of each shortcoming.</i>	
The main assignment points about designing architecture and building the prototype were fulfilled very well. There were two side assignments. The first one on comparison to different website builder solutions was a little too brief. The second one about scaling approaches and performance bottlenecks gave a nice high-level overview about how things work and how they might be scaled if needed.	

<b>Method of conception</b>	<b>outstanding</b>
<i>Assess that student has chosen correct approach or solution methods.</i>	
The overall approach to designing the architecture of the product was of very high quality. Author limited the selection of technologies to good pragmatic choices and nicely described the differences between them and the decision making of why he chose given technology stack.	

<b>Technical level</b>	<b>A - excellent.</b>
<i>Assess level of thesis specialty, use of knowledge gained by study and by expert literature, use of sources and data gained by experience.</i>	
The technical level of this thesis is very good and the author seems to know what he is talking about.	

<b>Formal and language level, scope of thesis</b>	<b>A - excellent.</b>
<i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	
The thesis was formally nicely structured, and the writing was of high quality.	

<b>Selection of sources, citation correctness</b>	<b>B - very good.</b>
<i>Present your opinion to student's activity when obtaining and using study materials for thesis creation. Characterize selection of sources. Assess that student used all relevant sources. Verify that all used elements are correctly distinguished from own results and thoughts. Assess that citation ethics has not been breached and that all bibliographic citations are complete and in accordance with citation convention and standards.</i>	
Sources usually pointed to basic Wikipedia pages or to introduction sections of given technology documentation webpages, but I found them satisfactory.	

<b>Additional commentary and evaluation</b>
---

*Present your opinion to achieved primary goals of thesis, e.g. level of theoretical results, level and functionality of technical or software conception, publication performance, experimental dexterity etc.*

The code was of very high quality using modern approaches and up to date technologies while still keeping a pragmatic approach. For example, using Lerna for managing the monorepo or Vue as the UI framework.

### III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

*Summarize thesis aspects that swayed your final evaluation. Please present apt questions which student should answer during defense.*

The thesis is about creating an architecture and prototype of website builder which presents many interesting problems like designing components that the users will use, defining the scope of their customization and interaction between each other, preserving the state of the app and finally outputting the final webpage.

The main assignment points about designing architecture and building the prototype were fulfilled very well. The overall approach to designing the architecture of the product was thoroughly thought out. Author limited the selection of technologies to good pragmatic choices and nicely described the differences between them and the decision making that went into why he chose given technology stack.

The code is of very high quality and uses modern approaches, at the same time the chosen technology stack is very reasonable.

I evaluate handed thesis with classification grade **A - excellent**.

Date: **5.6.2019**

Signature: