

I. IDENTIFICATION DATA

Thesis name:	Use of Chatbots in website navigation
Author's name:	Boris Penko
Type of thesis :	bachelor
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Computer Science and Engineering
Thesis reviewer:	Ing. Jan Vystrčil
Reviewer's department:	IBM Česká republika, spol. s r.o.

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	challenging
<i>Evaluation of thesis difficulty of assignment.</i>	
Presented theses focus on relatively novel approach of using chatbot as an alternative to standard web page navigation.	

Satisfaction of assignment	fulfilled with minor objections
<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 analysis and implementation parts are elaborated in enough detail, unfortunately the evaluation and conclusion parts could have been more detailed. Some estimation if extra effort for chatbot building is worth saving time to navigate the web pages.	

Method of conception	correct
<i>Assess that student has chosen correct approach or solution methods.</i>	
The thesis uses standard and correct approach to evaluate the hypothesis, however the Evaluation part is missing some important facts needed for reproducing the experiment. For example it is not sure how user's that did not completed the task were penalized.	

Technical level	B - very good.
<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>	
Student is using state of art technologies, however using just arithmetic mean for presenting task completion times seems not sufficient.	

Formal and language level, scope of thesis	B - very good.
<i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	
Work is well formatted however some minor issues occur, such as single line on page 72 or quality of some images is not sufficient.	

Selection of sources, citation correctness	A - excellent.
<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>	
External information sources are properly referenced.	

Additional commentary and evaluation
<i>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.</i>
Please insert your commentary (voluntary evaluation).

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.

1. Estimate the extra effort needed to enhance existing webpage with a chatbot.
2. Propose methods/structures how effort for adding chatbot could be minimized when stating new web project.

I evaluate handed thesis with classification grade **B - very good**.

Date: **6.6.2019**

Signature: