

I. IDENTIFICATION DATA

Thesis title:	Mobile Application for Controlling the Embedded System
Author:	Lazaros Stamatiadis
Thesis:	Bachelor
Faculty/Institute:	Faculty of Electrical Engineering
Department/Institute:	Department of Telecommunications Engineering
Opponent:	Ing. Michal Hajný
Opponent's Workplace :	SITEL, spol. s.r.o.

II. EVALUATION

Difficulty of assignment	More difficult
By my opinion this bachelor thesis was one of the more difficult. Student had to use knowledge of Java and C++ language at advanced level within Android operation system environment.	

Fulfillment of the assignment	Fulfilled with minor distinctions
Bachelor's thesis meets all requirements with minor distinctions. NFC implementation and test results was not achieved. However student in conclusion explained that SSH connection over NFC currently doesn't have usable standards and implementation of it would take a lot of time.	

Solution of individual tasks	Excellent
Solution of individual tasks was chosen appropriately.	

Thesis profession level	A - Excellent
Student showed ability to apply knowledge and to use literature correctly. Thesis is well documented and contain all necessary information and conclusion.	

Thesis formal and language level	A - Excellent
From the formal point of view I consider thesis well-structured without any language mistakes.	

Source selection, Correctness of citation	B – Very good
Student used sufficient number of sources, however citations [3] to [26] are practically from same source and should be used as one citation instead 23 of them.	

Comments and evaluation
The bachelor thesis is focused on communication of embedded system with other devices. Thesis consists of theoretical and practical part. The theoretical part consist brief summary of wireless technologies used for communication. Practical part is concentrated on testing different technologies followed by comparing result of each technology (Wi-Fi, Bluetooth). From my perspective I found content of this thesis interesting and i believe it could serve as background for Diploma thesis.



III. FINAL EVALUATION, QUESTIONS, CLASSIFICATION

Overall Lazaros Stamatiadis bachelor's thesis is well documented and contain all necessary information. Knowledge and results reflect the level of knowledge of the student ending bachelor degree studies'. I recommend the work to the defense with a rating stated below:

B – Very good

- Questions for student:

1. Briefly describe Secure Shell protocol and describe major components.
2. Which layer / sublayer is responsible for displaying HTML content?
3. Which technology had better results in terms of throughput?

Date: 19.1.2018

Signature: