

Bachelor Thesis Supervisor's Expert Opinion

Student: Afram Samuel Yeboha
 Student Number: E21914
 Title of Bachelor Thesis: Analyzing the Concept of Internet of Things with Specific Reference to Intelligent Transportation System
 Aim of the Thesis: The aim of the thesis is to explore and elaborate the key concepts of Internet of Things (IoT) and critically analyze its application within Intelligent Transportation Systems (ITS), focusing on how IoT technologies enhance efficiency, safety, and sustainability in modern transportation infrastructures
 Thesis Supervisor: Dawit Dejene Bikila, MSc.
 Study Programme: Informatics and System Engineering
 Academic Year: 2024/2025

Difficulty of the Topic

	Excellent	Very good	Satisfactory	Unsatisfactory	Cannot be evaluated
Theoretical knowledge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Input data and their processing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methods used	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Thesis Evaluation Criteria

	Excellent	Very good	Satisfactory	Unsatisfactory	Cannot be evaluated
Degree of achievement of the aim of the thesis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Original attitude to the topic processing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adequacy of the methods used	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Depth of analysis (relative to topic)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logical structure of the thesis and scope	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Working with Czech and foreign literature including citations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal arrangement of the thesis (text, charts, tables)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Language level (style, grammar, terminology)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Applicability of the Results of the Thesis

	High	Medium	Low	Cannot be evaluated
For theory	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For practice	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other Comments on the Thesis

The author proved that she was able to solve the given task by following the instructions provided by the supervisor and was able to apply previously learned knowledge and appropriate methods. The aim of the thesis was fulfilled.

I appreciate the student's approach to the thesis processing. The student came to consultations very well-prepared and respected the supervisor's instructions. The student had to deeply understand the principles of usability evaluation prior to proposing the evaluation procedure applied in the thesis.

Comments on the Outputs from the Theses System

The submitted work is not a plagiarism. The highest degree of similarity: 3 %. Number of similar documents: 5. The similarity was found in the acknowledgement and terms.

Questions and Suggestions for Defence

The student consulted the work regularly; I have no questions.

Final Evaluation

I recommend the thesis for the defence.

I propose to grade this bachelor's thesis as follows: **B**

In Pardubice 30.6.2025

Signature: Dawit Dejene Bikila.