

## Master Thesis Supervisor's Expert Opinion

Student: John Ayobami Mokidi  
 Student Number: E23996  
 Title of Master Thesis: Design a new library management system based on past experiences with the libraries in Nigeria  
 Aim of the Thesis: The aim of thesis is to develop and implement a web-based Library Management System (LMS), transitioning from a manual to an automated system to improve operational efficiency, enhance user experience, and streamline resource management  
 Thesis Supervisor: Ing. Jakub JECH, Ph.D.  
 Study Programme: N0688A140008 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methods used	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logical structure of the thesis and scope	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Working with Czech and foreign literature including citations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal arrangement of the thesis (text, charts, tables)	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Other Comments on the Thesis

The aim of the thesis is to develop and implement a web-based Library Management System (LMS), transitioning from a manual to an automated system to improve operational efficiency, enhance user experience, and streamline resource management. I can state that the objective of the assignment was met. The chosen topic of creating a library system for managing books and loans is very relevant given the analysis of the current situation in Nigeria. The student used a sufficient range of methods to complete the assignment. I highly appreciate the use of the "Prologue" guide, which focuses on the software development life cycle, where there are direct references to individual chapters of the work in relation to the phases of the life cycle. Individual interpretations of parts of the LMS system are well illustrated and described. The work is well structured.

### Comments on the Outputs from the Theses System

The work is not plagiarism, the match rate is 1 %.

### Questions and Suggestions for Defence

1. How can the LMS provide data analytics and reporting features to assist librarians in monitoring book circulation, user engagement, and library performance?
2. What are the key components that a web-based Library Management System should feature to fulfil the needs of both users and librarians?

### Final Evaluation

I **recommend** the thesis for the defence.  
I propose to grade this Master thesis as follows: **A**

In Pardubice 19.5.2025

Signature .....