Laguna State Polytechnic University

University Logic Rules Report

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Introduction

This report documents the results of testing the University Logic Rules Expert System. The system was designed to evaluate student activities according to logical rules, including Attendance, Grading, Login, and Bonus eligibility. Each rule was tested to determine if the system produces valid outcomes. The purpose of this report is to present the results in an organized manner suitable for academic evaluation.

Results

Rule	Outcome
Attendance Rule	Satisfied /
Grading Rule	Saatisfied /
Login Rule	Accessgranted /
Bonus Rule	Satisfied /

Analysis

Based on the recorded results, all four rules were tested successfully without any violations. The Attendance Rule confirmed proper evaluation of lateness and excuses, while the Grading Rule validated student grades above the passing mark. The Login Rule correctly recognized the correct password and granted access, and the Bonus Rule confirmed eligibility based on regular attendance. It is worth noting that a minor spelling error was observed in the Grading Rule result ("Saatisfied" instead of "Satisfied"), which should be corrected in future revisions of the code.

Conclusion

In conclusion, the University Logic Rules Expert System effectively applies logical conditions to evaluate student-related scenarios. The results demonstrate that the rules are functioning as intended, with outcomes logged systematically. This project highlights the importance of logic-based systems in academic contexts and their potential role in improving decision-making processes.