

Programing Fundamentals CT-175

Topic No. 5

Create a system to determine university admission eligibility based on multiple exam scores and a merit formula

Group Name:

Code Pair

Group Members:

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Project Proposal

1. Introduction

University admissions are often based on the performance of students in various examinations such as Matric, Intermediate, and Entry Tests. However, manually calculating eligibility and merit is time-consuming and prone to error. To solve this, we propose creating a computerized system that determines admission eligibility by applying a merit formula on the student's exam scores.

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2. Objective

The main objective of this project is to design a system that:

- Collects scores from different examinations.
 - Calculates merit using a predefined formula with weightage distribution.
 - Determines whether a student is **eligible or not eligible** for admission.
 - Ensures accuracy, transparency, and efficiency in the admission process.
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3. Eligibility Criteria:

If **Merit** \geq **60%**, the student is **Eligible**.
Otherwise, the student is **Not Eligible**.

4. Tools and Technology

- **Programming Language:** C Language (for console-based version)
 - **Future Upgrade Options:** C++/Java/Python for GUI or Database version
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5. Expected Outcome

- A reliable and user-friendly system for merit evaluation.
- And a working program that automatically calculates and displays student eligibility. Reducing manual effort in admission process