

PROJECT PRESENTATION

RESULT MANAGEMENT SYSTEM (WITH RANKING AND GPA)

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INTRODUCTION

- Purpose : Automate student result calculation
- Input: Name, Roll no. , Marks (5 subjects)
- Output: Total marks, percentage, GPA, Rank

PROBLEM DEFINATION

- MANUAL RESULT IS TIME CONSUMING
- HIGH CHANCE OF HUMAN ERROR
- CHALLENGES IN PRESENTING RESULT CLEARLY
- DIFFICULT IN MANAGING MULTIPLE STUDENTS
- NEED FOR A STANDARDIZED GPA CALCULATION

SYSTEM DESIGN

- Uses structure for student info and subject marks
- Calculate percentage and total marks
- Bubble sort for ranking
- Search student() for finding roll no.
- File output stored in RESULT.txt

IMPLEMENTATION

- Written in C language
- Uses structure , loops, functions
- Key Function:
 - searchstudent()
 - sortbymarks()
 - assignranks()
- Create RESULT.txt file

TESTING AND RESULT

- Tested with multiple students
- Tested tie cases
- verified total marks and percentage calculation
- Gives output in “RESULT.txt”

CONCLUSION AND FUTURE WORK



CONCLUSION

- System reduces error
- Automates ranking and GPA

FUTURE WORK

- GUI interface
 - Export to PDF / Excel
 - Adding option to edit or update, delete student info
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