

Student Grade System Management

Coursera professional certificate: Microsoft Back-End Developer Professional Certificate
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Functional requirements:

The user should be able to:

- add students
- add grades to different subjects
- calculate the average grades for students
- display student records with their grades

Non-Functional requirements:

- The system should be able to validate correctly the input, otherwise it should display errors accordingly.
- Friendly and intuitive UI (Simple and clear command console design)
- The system should show a way to cancel operations without affecting the records
- The system should show a way to exit the program

Objectives:

The goal is to create a simple and efficient command console program to manage tasks for students grades. These operations are but not limited to, adding students, adding grades, calculate average grades and display records. Last but not least, the program should have an efficient and friendly design, that is, leading the user easily through the program without confusion or mistakes.

Design Outline:

