Academic Record Management System

The academic record office currently manages student scores using a spreadsheet. This manual process can be time-consuming and prone to errors. Your task is to design and implement an object-oriented application in Python to improve the efficiency and accuracy of score management.

Requirements:

- **Classes**:
  - Identify and define relevant classes from the provided score sheet, such as Student, Course, and Score.
  - Encapsulate data and functionalities within each class.
  - Consider using inheritance and composition as needed.
  - Strive for code reusability, flexibility, and extensibility.
  - Adhere to object-oriented principles like abstraction and encapsulation.
- **Functionalities**:
  - Develop a user-friendly menu
  - Allow record staff to perform the following tasks:
  - Add new students and courses.
  - Enter student scores for different courses.
  - View all students and their scores.
  - Calculate and display statistics:
    - Highest score in a specific course for all students.
    - Average score in a specific course for all students.
    - Any other relevant statistics as deemed useful.
  - Feel free to use additional functionalities as enhancements.
- **Deliverables**:
  - Create the following diagrams using "drawio" tool:
    - UML Class Diagram: Visually represent the classes, their attributes, methods, and relationships.
    - Use Case Diagram: Depict the interaction between the user and the system, highlighting the use cases provided.

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