**Exercise Question: Implementing a Student Management System**

You are tasked with implementing a Student Management System in C#. Utilize object-oriented programming principles and interfaces to design and implement the system. The system should include the following features:

1. Student Class:

- Create a class named `Student` with the following attributes:

- `StudentID` (string)

- `Name` (string)

- `Age` (int)

- `GPA` (double)

2. Interface:

- Create an interface named `IStudentCollection` with the following methods:

- `AddStudent(Student student)` to add a student to the collection.

- `RemoveStudent(string studentID)` to remove a student from the collection based on their ID.

- `GetStudent(string studentID)` to retrieve a student from the collection based on their ID.

- `ListAllStudents()` to list all students in the collection.

3. Collection Class:

- Create a class named `StudentCollection` that implements the `IStudentCollection` interface. Use a suitable collection type (e.g., List, Dictionary) to manage the students.

4. Main Program:

- Write a simple console application to demonstrate the functionality of your Student Management System.

- Allow the user to add, remove, and view students.

- Implement error handling for invalid input.

Question Tasks:

1. Implement the `Student` class with the specified attributes.

2. Define the `IStudentCollection` interface with the specified methods.

3. Implement the `StudentCollection` class that fulfills the interface requirements using an appropriate collection type.

4. Develop a console application that allows users to perform CRUD operations (Create, Read, Update, Delete) on the student collection.

Evaluation Criteria:

1. Correctness of implementation: 10 marks

2. Proper utilization of object-oriented principles: 5 marks

3. Effective use of interfaces: 5 marks

4. Error handling and user interface design: 5 marks