

.NET CORE DEVELOPER ENTRY TEST

Complete the Object oriented service described below. Please send the completed project. You will be evaluated on meeting the requirements, code/data structure, and efficiency of your code.

Outline

- Please create a backend service to satisfy this scenario in .netcore. Please include a document of any instructions needed to run the project.

Scenario

- Design a player club - signing application
- Create an application to act as a player management system. You should create classes to model a Rugby Union, players and teams. The system should store the following information about each player – ID number (unique), name, birth date, height, weight, place of Birth and the team they are signed in. The system should also store the following information about each team – name (unique), ground, coach, founded year, region and a list of players enrolled in the team.
- The application should be able to
 - add a new player to the system
 - add a new team to the system,
 - sign a player to a team,
 - display a list of all the players,
 - a list of all the teams,
 - allow the user to select a player and display the team that player is signed in
 - allow the user to select a team and display all of the players signed with it.
- Bonuses
 - Search by age and appropriate display information of all the players who are that age.
 - Search by coach display information of all the players whose coach is that coach.
 - Unit tests
 - Correct http response codes