Functional Requirements

The system has to:

**R1**. Enter the necessary data about the basketball players, which are: name, age, team, points, points per game, rebounds per game, assists per game, steals per game, blocks per game.

**R1.1.** Enter massive data from a .csv file

**R2**. Delete and modify data of the registered players.

**R3**. Perform consults in the data base of the players according to a criterion, this can be any of the game statistics specified when the player enters in the system. The criterion for consulting must be specified and the value (making comparisons, >, <, =).

**R4**. Show the time used for making a consultation.

Non-functional Requirements

**R1**.Manage at least 200.000 valid data of players with their attributes

**R2**. Making quick consultations (O(log n) complexity ) for 4 of the 5 specified game statistics

**R3**. Ensure the integrity of the data after the possible modifications to the registers