**MODEL**

**Jogador.php**

**Package**

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| **Name** | **Description** | **Restriction** | **Type** |
| *model* | The model consists of application data, business rules, logic and functions. A model notifies its associated view/views and controllers when there has been a change in its state. This notification allows views to update their presentation and the controllers to change the available set of commands. | There should be a one-to-one correspondence between the model and its parts on the one hand, and the represented world as perceived by the owner of the model on the other hand. | Package |

**Class**

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| **Name** | **Description** | **Restriction** | **Type** |
| *Jogador* | This class contains the attributes, accessor methods and constructors of a player. The player must contains *idJogador*, *idTime*, *nome*, *dataNascimento*, *cpf* and *numero*. | - | Class |

**Variables**

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| **Name** | **Description** | **Restriction** | **Type** |
| *idJogador* | This variable represents the register number of the player in the database. | The *idJogador* just can contain positive numbers. | Integer |
| *idTime* | This variable represents the register number of the player’s team in the database. | The *idTime* just can contain positive numbers. | Integer |
| *nome* | This variable represents the complete name of the player. | The *name* cannot contain special characters or numbers. | String |
| *dataNascimento* | This variable represents the birthdate of the player. | The birthdate just can contain positive numbers and has to be in the format DD/MM/YYYY. | Date |
| *cpf* | This variable represents the *CPF* of the player. *CPF* is a unique identification number of Brazilian citizen. | The *CPF* contains exactly 11 positive digits. | String |
| *numero* | This variable represents the number written on the tshirt of the player. | The number written on the tshirt just can contain positive numbers. | Integer |

**Functions**

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| **Name** | **Description** | **Restriction** | **Type** |
| *\_\_construct()* | Default construct declaration. Using constructor methods is appropriate for any initialization that the object may need before being used. | - | Public Function |
| *\_\_constructOverload($idJogador, $idTime, $nome, $dataNascimento, $cpf, $numero)* | Overload construct. | - | Public Function |
| *\_\_getIdJogador()* | Method to verify the attribute *idJogador* of the class. | - | Public Function |
| *\_\_setIdogador($idJogador)* | Method to modify the attribute *idJogador* of the class. | - | Public Function |
| *\_\_getIdTime()* | Method to verify the attribute *idTime* of the class. | - | Public Function |
| *\_\_setIdTime($idTime)* | Method to modify the attribute *idTime* of the class. | - | Public Function |
| *\_\_getNome()* | Method to verify the attribute *nome* of the class. | - | Public Function |
| *\_\_setNome($nome)* | Method to modify the attribute *nome* of the class. | - | Public Function |
| *\_\_getDataNascimento()* | Method to verify the attribute *dataNascimento* of the class. | - | Public Function |
| *\_\_setDataNascimento*  *($dataNascimento)* | Method to modify the attribute *dataNascimento* of the class. | - | Public Function |
| *\_\_getCpf()* | Method to verify the attribute *cpf* of the class. | - | Public Function |
| *\_\_setCpf($cpf)* | Method to modify the attribute *cpf* of the class. | - | Public Function |
| *\_\_getNumero()* | Method to verify the attribute *numero* of the class. | - | Public Function |
| *\_\_setNumero($numero)* | Method to modify the attribute *numero* of the class. | - | Public Function |