**MODEL**

**Arbitro.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** |
| *Arbitro* | This class contains the attributes, accessor methods and constructors of a referee. A referee must contains *idArbitro*, *nome*, *telefone* and *cpf*. | - | Class |

**Variables**

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| --- | --- | --- | --- |
| **Name** | **Description** | **Restriction** | **Type** |
| *idArbitro* | This variable represents the register number of the referees in the database. | The *idArbitro* just can contain positive numbers. | Integer |
| *nome* | This variable represents the complete name of the referee. | The name cannot contain special characters or numbers. | String |
| *telefone* | This variable represents the telephone number of the referee. | The phone number can contain until 11 positive digits. | String |
| *cpf* | This variable represents the *CPF* of the referee. *CPF* is a unique identification number of Brazilian citizen. | The *CPF* contains exactly 11 positive digits. | String |

**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($idArbitro, $nome, $telefone, $cpf)* | Overload construct. | - | Public Function |
| *\_\_getIdArbitro()* | Method to verify the attribute *idArbitro* of the class. | - | Public Function |
| *\_\_setIdArbitro($idArbitro)* | Method to modify the attribute *idArbitro* of the class. | - | Public Function |
| *\_\_getNome()* | Method to verify the attribute *nome* of the class. | - | Public Function |
| *\_\_setNome($nome)* | Method to modify the attribute *nome* of the class. | - | Public Function |
| *\_\_getTelefone()* | Method to verify the attribute *telefone* of the class. | - | Public Function |
| *\_\_setTelefone($telefone)* | Method to modify the attribute *telefone* 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 |