**MODEL**

**Dados.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** |
| *Dados* | This class contains the attributes, accessor methods and constructors about all game data. The data must contains *idDados*, *idJogador*, *idTempo*, *advertencia*, *punicao*, *desqualificacao*, *relatorio* and *gol*. | - | Class |

**Variables**

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| **Name** | **Description** | **Restriction** | **Type** |
| *idDados* | This variable represents the register number of the game data in the database. | The *idDados* just can contain positive numbers. | Integer |
| *idJogador* | This variable represents the register number of the player in the database. | The *idJogador* just can contain positive numbers. | Integer |
| *idTempo* | This variable represents the register number of the time of the game in the database. | The *idTempo* just can contain positive numbers. | Integer |
| *advertencia* | This variable represents the number of warnings that were given to the players in a game. | The number of warnings just can contain positive numbers. | Integer |
| *punicao* | This variable represents the number of punishments that were given to the players in a game. | The number of punishments just can contain positive numbers. | Integer |
| *desqualificacao* | This variable represents the number of disqualifications (expulsions) earned by a player in the game. | The number of disqualification just can contain positive numbers. | Integer |
| *relatorio* | This variable represents the number of reports generated in a game. A report is generated when there is an expulsion for serious reasons, which should be better analyzed later. | The number of reports just can contain positive numbers. | Integer |
| *gol* | This variable represents the number of goals scored in a game. | The number of goals 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($idDado, $idJogador, $idTempo, $advertencia, $punicao, $desqualificacao, $relatorio, $gol)* | Overload construct. | - | Public Function |
| *\_\_getIdDado()* | Method to verify the attribute *idDado* of the class. | - | Public Function |
| *\_\_setIdDado($idDado)* | Method to modify the attribute *idDado* of the class. | - | Public Function |
| *\_\_getIdJogador()* | Method to verify the attribute *idJogador* of the class. | - | Public Function |
| *\_\_setIdJogador($idJogador)* | Method to modify the attribute *idJogador* of the class. | - | Public Function |
| *\_\_getIdTempo()* | Method to verify the attribute *idTempo* of the class. | - | Public Function |
| *\_\_setIdTempo($idTempo)* | Method to modify the attribute *idTempo* of the class. | - | Public Function |
| *\_\_getAdvertencia()* | Method to verify the attribute *advertencia* of the class. | - | Public Function |
| *\_\_setAdvertencia($advertencia)* | Method to modify the attribute *advertencia* of the class. | - | Public Function |
| *\_\_getPunicao()* | Method to verify the attribute *punicao* of the class. | - | Public Function |
| *\_\_setPunicao($punicao)* | Method to modify the attribute *punicao* of the class. | - | Public Function |
| *\_\_getDesqualificacao()* | Method to verify the attribute *desqualificacao* of the class. | - | Public Function |
| *\_\_setDesqualificacao*  *($desqualificacao)* | Method to modify the attribute *desqualificacao* of the class. | - | Public Function |
| *\_\_getRelatorio()* | Method to verify the attribute *relatorio* of the class. | - | Public Function |
| *\_\_setRelatorio($relatorio)* | Method to modify the attribute *relatorio* of the class. | - | Public Function |
| *\_\_getGol()* | Method to verify the attribute *gol* of the class. | - | Public Function |
| *\_\_setGol($gol)* | Method to modify the attribute *gol* of the class. | - | Public Function |