**MODEL**

**Time.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** |
| *Time* | This class contains the attributes, accessor methods and constructors of a team. The team must contains *idTime*, *idTecnico*, *nome*, *categoria*, *endereco*, *dataFundacao*, *presidente*, *telefone* and *pontos*. | - | Class |

**Variables**

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| **Name** | **Description** | **Restriction** | **Type** |
| *idTime* | This variable represents the register number of the team in the database. | The *idDadosTime* just can contain positive numbers. | Integer |
| *idTecnico* | This variable represents the register number of the coach in the database. | The *idTime* just can contain positive numbers. | Integer |
| *nome* | This variable represents the complete name of the team. | The name cannot contain special characters or numbers. | String |
| *categoria* | This variable represents the category of the team. It can be juvenile, adult, professional and etc. | The category of the team cannot contain special characters and numbers. | String |
| *endereco* | This variable represents the address of the team’s clubhouse. | The address cannot contain special characters. | String |
| *dataFundacao* | This variable represents the foundation date of the team. | The foundation date just can contain positive numbers and has to be in the format DD/MM/YYYY. | Date |
| *presidente* | This variable represents the complete name of the team’s president. | The name cannot contain special characters or numbers. | String |
| *telefone* | This variable represents the telephone number of the clubhouse. | The phone number can contain until 11 positive digits. | String |
| *pontos* | This variable represents the number of points earned by a team in the league. | The number of points 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($idTime, $idTecnico, $nome, $categoria, $endereco, $dataFundacao, $presidente, $telefone)* | Overload construct. | - | Public Function |
| *\_\_getIdTime()* | Method to verify the attribute *idTime* of the class. | - | Public Function |
| *\_\_setIdTime($idTime)* | Method to modify the attribute *idTime* of the class. | - | Public Function |
| *\_\_getIdTecnico()* | Method to verify the attribute *idTecnico* of the class. | - | Public Function |
| *\_\_setIdTecnico($idTecnico)* | Method to modify the attribute *idTecnico* of the class. | - | Public Function |
| *\_\_getNome()* | Method to verify the attribute *nome* of the class. | - | Public Function |
| *\_\_setNome($nome)* | Method to modify the attribute *nome* of the class. | - | Public Function |
| *\_\_getCategoria()* | Method to verify the attribute *categoria* of the class. | - | Public Function |
| *\_\_setCategoria($categoria)* | Method to modify the attribute *categoria* of the class. | - | Public Function |
| *\_\_getEndereco()* | Method to verify the attribute *endereco* of the class. | - | Public Function |
| *\_\_setEndereco($endereco)* | Method to modify the attribute *endereco* of the class. | - | Public Function |
| *\_\_getDataFundacao()* | Method to verify the attribute *dataFundacao* of the class. | - | Public Function |
| *\_\_setDataFundacao*  *($dataFundacao)* | Method to modify the attribute *dataFundacao* of the class. | - | Public Function |
| *\_\_getPresidente()* | Method to verify the attribute *presidente* of the class. | - | Public Function |
| *\_\_setPresidente($presidente)* | Method to modify the attribute *presidente* of the class. | - | Public Function |
| *\_\_getTelefone()* | Method to verify the attribute *telefone* of the class. | - | Public Function |
| *\_\_setTelefone($telefone)* | Method to modify the attribute *telefone* of the class. | - | Public Function |
| *\_\_getPontos()* | Method to verify the attribute *pontos* of the class. | - | Public Function |
| *\_\_setPontos($pontos)* | Method to modify the attribute *pontos* of the class. | - | Public Function |