Data Dictionary

Table Name: Category

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Type | Size |
| PK | id | The ID of the category | Integer |  |
|  | Name | The name of the category | Varchar | 255 |

Table Name: Developer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Type | Size |
| PK | id | The game’s ID | Integer |  |
|  | Name | The developer’s name | Varchar | 255 |

Table Name: Game

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Caption | Type | Size |
| PK | id | The ID of the game |  | Integer |  |
|  | Name | The Name of the game |  | Varchar | 255 |
|  | Price | The price of the game | Nullable if game is free | Numeric | (5,2) |
| FK | EmployeeId | The id for the associated  employee |  | Integer |  |
| FK | DeveloperId | The id for the associated  developer |  | Integer |  |
| FK | CategoryId | The id for the associated category |  | Integer |  |

Table Name: Reviews

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Type | Size |
| PK | id | The review ID | Integer |  |
|  | Rating | The numeric rating for the review | TinyInt | 1 |
|  | ReviewText | The review text | Varchar | 255 |
|  | Approved | Review approved/rejected | TinyInt | 1 |
| FK | MemberID | The id for the associated member | Integer |  |
| FK | GameID | The id for the associated game | Integer |  |

Table Name: Employee

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Type | Size |
| PK | id | Employee’s ID | Integer |  |
|  | Username | Employee’s username | Varchar | 255 |
|  | Password | Employee’s password | Varchar | 255 |
|  | Email | Employee’s email | Varchar | 255 |
|  | Phone | Employee’s phone number | Integer | 10 |
|  | Name | Employee’s name | Varchar | 255 |
|  | Surname | Employee’s surname | Varchar | 255 |

Table Name: Event

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Caption | Type | Size |
| PK | id | The event’s ID |  | Int |  |
|  | Name | The name of the event |  | Varchar | 255 |
|  | Date | The date of the event |  | Date |  |
|  | Time | The time which the event takes place | Nullable | Time(7) | 7 |
|  | Location | The location of the event |  | Varchar | 255 |
|  | Price | The admission fee for the event | Nullable if the event is free | Decimal(4,2) | (4,2) |
| FK | EmployeeID | The associated employee’s ID |  | Int |  |

Table Name: Member

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Caption | Type | Size |
| PK | id | The member’s ID |  | Int |  |
|  | Name | The member’s name |  | Varchar | 255 |
|  | Surname | The member’s surname |  | Date |  |
|  | Gender | The member’s gender |  | Time | 7 |
|  | Birthdate | The member’s birthday |  | Varchar | 255 |
|  | MailingAddress | The member’s mailing address | Nullable if the game is free | Decimal | (4,2) |
|  | Shipping Address | The member’s shipping address |  | Varchar | 10 |
| FK | CategoryID | The associated category’s ID |  | Int |  |
| FK | PlatformId | The associated platform’s ID |  | Int |  |

Table Name: Member\_Login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Type | Size |
| FK | MemberId | The associated member’s ID | Int |  |
| FK | LoginId | The login’s id | Int |  |

Table Name: Employee\_Login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Type | Size |
| FK | LoginId | The login’s ID | Int |  |
| FK | EmployeeId | The employee’s id | Int |  |

Table Name: Member\_Login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Type | Size |
| FK | MemberId | The associated member’s ID | Int |  |
| FK | EventId | The event’s id | Int |  |