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 | MemberId | The id for the associated  member |  | 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: 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 | MemberID | The associated member’s ID |  | Int |  |

Table Name: Member

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Caption | Type | Size |
| PK | id | The member’s ID |  | Int |  |
|  | Username | The member’s username |  | Varchar | 255 |
|  | Password | The member’s password |  | Varchar | 255 |
|  | Name | The member’s name |  | Varchar | 255 |
|  | Surname | The member’s surname |  | Date |  |
|  | Phone | The member’s phone number |  | Varchar | 20 |
|  | Gender | The member’s gender |  | char | 1 |
|  | Birthdate | The member’s birthday |  | Varchar | 255 |
|  | Email | The member’s email |  | varchar | 255 |
|  | MailingAddress | The member’s mailing address |  | Varchar | 255 |
|  | Shipping Address | The member’s shipping address |  | Varchar | 255 |
| FK | CategoryID | The associated category’s ID |  | Int |  |
| FK | PlatformId | The associated platform’s ID |  | Int |  |
| FK | WishlistId | The member’s wishlist ID |  | Int |  |

Table: Wishlist

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Caption | Type | Size |
| PK | id | The wishlist’s ID |  | Int |  |
|  | gameId | The id of the game |  | Varchar | 255 |
|  | memberId | The id of the member |  | Varchar | 255 |

Table: Credit Card

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Field Name | Description | Caption | Type | Size |
| PK | id | The card’s ID |  | Int |  |
|  | cardNumber | The card number |  | Int |  |
|  | securityCode | The security code on the card |  | Int |  |
|  | expirationDate | The card’s expiry date |  | Varchar | 255 |