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| **Members** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| Mem\_Id | char(36) | No | Newid() | Primary |  | ID of Member |
| Mem\_FirstName | nvarchar(30) |  |  |  |  | FirstName of Member |
| Mem\_LastName | nvarchar(50) |  |  |  |  | LastName of Member |
| Mem\_Phone | varchar(20) |  |  |  |  | Phone of Member |
| Mem\_Address | nvarchar(200) |  |  |  |  | Address of Member |
| Mem\_Email | Varchar(50) | No |  |  | Unique | Email of Member |
| Mem\_Status | Int | No |  |  |  | Status of Member |
| Mem\_CreateDate | datetime | No | Getdate() |  |  | Email of Department |

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| **Roles** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| Role\_Id | varchar(15) | No | Newid() | Primary |  | ID of Role |
| Role\_Name | nvarchar(20) | No |  |  |  | Name of Role |
| Role\_Description | nvarchar(100) |  |  |  |  | Role Description |

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| **Staffs** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| Staff\_Id | Char(36) | No | newId() | Primary |  | ID of Staff |
| Staff\_FirstName | nvarchar(30) |  |  |  |  | FirstName of Staff |
| Staff\_LastName | nvarchar(50) |  |  |  |  | LastName of Staff |
| Staff\_Login | varchar(25) | No |  |  | Unique | Staff Login |
| Staff\_Password | varchar(50) |  |  |  |  | Password of Staff |
| Staff\_Phone | varchar(20) |  |  |  |  | Phone of Staff |
| Role\_Id | varchar(15) | No |  | Foreign |  | Id of Role |
| Staff\_Address | nvarchar(200) |  |  |  |  | Address of Staff |
| Staff\_Email | varchar(50) | No |  |  | Unique | Email of Staff |
| Staff\_Status | int | No |  |  |  | Status of Staff |
| Staff\_CreateDate | datetime | No |  |  |  | Staff CreateDate |

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| **Categories** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| Cat\_Id | char(36) | No | Newid() | Primary |  | ID of Categories |
| Cat\_Name | nvarchar(30) |  |  |  |  | Name of Categories |

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| **Languages** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| Lang\_Id | varchar(7) | No |  | Primary |  | ID of Languages |
| Lang\_Name | nvarchar(30) |  |  |  |  | Name of Languages |

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| **Books** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| Book\_ISBN | varchar(13) | No |  | Primary |  | ISBN of Book |
| Book\_Title | nvarchar(50) | No |  |  |  | Title of Book |
| Book\_Publisher | nvarchar(50) | No |  |  |  | Publisher of Book |
| Book\_Author | nvarchar(50) | No |  |  |  | Author of Book |
| Book\_Price | Money | No |  |  |  | Price of Book |
| Cat\_Id | char(36) | No |  | Foreign |  | ID of Categories |
| Lang\_Id | varchar(7) | No |  | Foreign |  | Id of Languages |
| Book\_ImageFile | nvarchar(255) | No | /img/nocover.png |  |  | ImageFile of Book |
| Book\_CreateDate | Datetime | No | Getdate() |  |  | Createdate of Book |

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| **Copies** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| Cop\_Id | varchar(16) | No |  | Primary |  | ID of Copies |
| Book\_ISBN | varchar(13) | No |  | Foreign |  | ISBN of Book |
| Cop\_Status | Bit | No |  |  |  | Status of Copies |
| Cop\_isDeleted | Bit | No |  |  |  | ??? |

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| **Orders** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| Order\_Id | char(36) | No | newId() | Primary |  | ID of Orders |
| Mem\_Id | char(36) | No |  | Foreign |  | Id of Member |
| Order\_CreateDate | Datetime | No | GetDate() |  |  | CreateDate of Orders |
| Order\_DueDate | Datetime | No |  |  |  | DueDate of Orders |

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| **OrderDetails** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| OrderDetail\_Id | char(36) | No | newId() | Primary |  | ID of OrderDetail |
| Order\_Id | char(36) | No |  | Foreign |  | Id of Orders |
| Cop\_Id | Varchar(16) | No |  | Foreign |  | Id of Copies |
| OrderDetail\_Status | Bit |  |  |  |  | Status of OrderDetails |
| OrderDetail\_ReturnDate | Datetime |  |  |  |  | ReturnDate of OrderDetails |

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| **Fines** | | | | | | |
| **Column Name** | **Data Type** | **Allow Null** | **Default Value** | **Key** | **Validation** | **Description** |
| Fine\_Id | char(36) | No | newId() | Primary |  | ID of Fines |
| OrderDetail\_Id | char(36) | No |  | Foreign |  | Id of OrderDetails |
| Fine\_Amount | Money | No |  |  | >=0 | Amount of Fines |
| Fine\_CreateDate | Datetime | No | Getdate() |  |  | Create of Fines |
| Fine\_PaidDate | Datetime |  |  |  |  | PaidDate of Fines |
| Fine\_Status | Bit |  |  |  |  | Status of Fines |