# Managing Personal Library System (SQL Server)

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## TABLES OF BOOKLIST DATABASE:

### 1. Author Table

| Column Name | Data Type | Allow Nulls |
|---|---|---|
| AuthorID | int | ☐ |
| FirstName | char(50) | ☐ |
| LastName | char(50) | ☑ |

### 2. BookList Table

| Column Name | Data Type | Allow Nulls |
|---|---|---|
| BookID | int | ☐ |
| BookTitle | char(100) | ☐ |
| AuthoreID | int | ☐ |
| BookType | char(50) | ☐ |
| Price | money | ☐ |
| VersionID | int | ☐ |
| OwnershipID | int | ☐ |
| PublisherID | int | ☐ |

### 3. BorrowedBook Table

| Column Name | Data Type | Allow Nulls |
|---|---|---|
| BorrowedBookID | int | ☐ |
| BookTitle | char(100) | ☐ |
| PersonName | char(50) | ☐ |
| Address | varchar(100) | ☐ |
| Phone | char(50) | ☐ |
| Email | varchar(50) | ☑ |
| OwnershipID | int | ☐ |

### 4. LentBook Table

| | Column Name | Data Type | Allow Nulls |
|---|---|---|---|
| 🔑 | LentBookID | int | ☐ |
| | BookTitle | char(100) | ☐ |
| | PersonName | char(50) | ☐ |
| | Address | varchar(100) | ☐ |
| | Phone | char(50) | ☐ |
| | Email | varchar(50) | ☑ |
| | OwnershipID | int | ☐ |

### 5. Ownership Table

| | Column Name | Data Type | Allow Nulls |
|---|---|---|---|
| 🔑 | OwnershipID | int | ☐ |
| | Ownership | char(50) | ☐ |

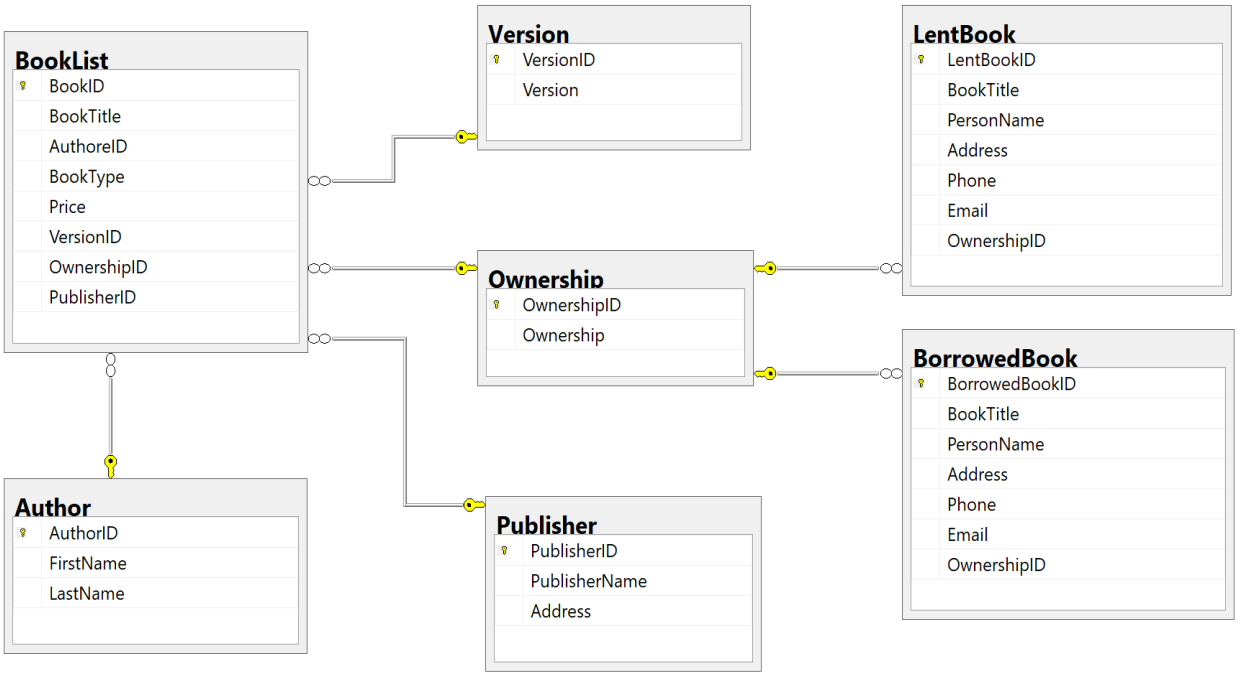
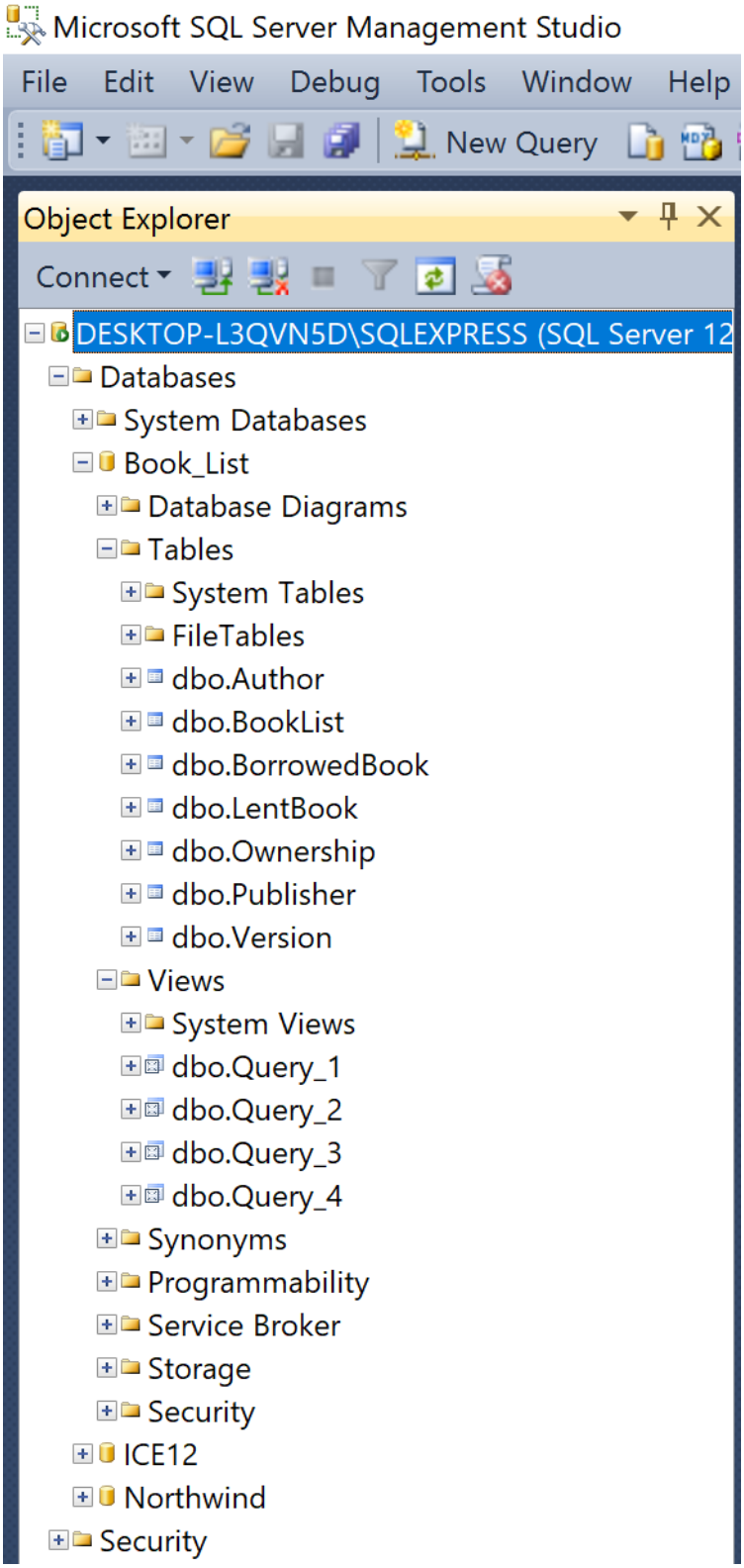
### 6. Publisher Table

| | Column Name | Data Type | Allow Nulls |
|---|---|---|---|
| 🔑 | PublisherID | int | ☐ |
| | PublisherName | char(50) | ☐ |
| | Address | varchar(100) | ☐ |

### 7. Version Table

| | Column Name | Data Type | Allow Nulls |
|---|---|---|---|
| 🔑 | VersionID | int | ☐ |
| | Version | char(50) | ☐ |

# Data Model Diagram



## Database Structure