# Database Design

The Book-Shop project has used 3 tables for performing its storage functionalities….

## 

**AUTHOR**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Size | Primary Key |
| Author\_Name | Text | 255 |  |
| Country | Text | 255 | - |

Referenced as

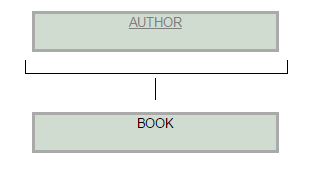
**Foreign Key** BOOK

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Size | Primary Key |
| Book\_ISBN | Number | - |  |
| Book\_Title | Text | 255 | - |
| Author | Text | 255 | - |
| Publisher | Text | 255 | - |
| Price | Double | - | - |
| Stock\_Position | Number | - | - |

SHOPKEEPER

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Size | Primary Key |
| Username | Text | 255 |  |
| Password | Text | 255 | - |

Besides these tables, there is a dependency between two tables: **BOOK** and **AUTHOR**

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**Modularization**

Main Form Module

Login Form Module

Change Auth Module

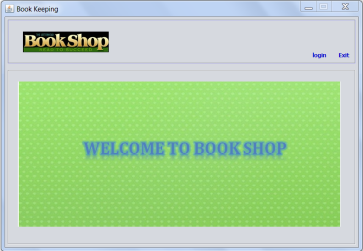
Main Menu Module

Update Form Module

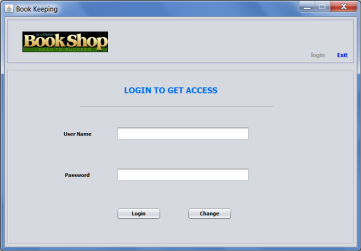
Delete Form Module

Search Form Module

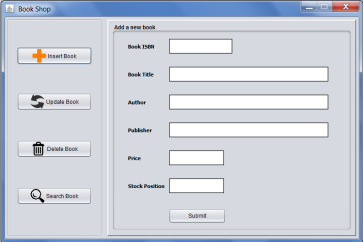
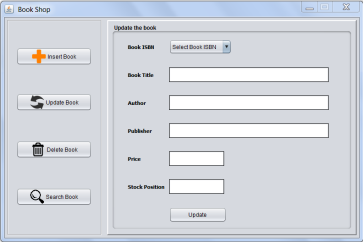
**User Interface Design**



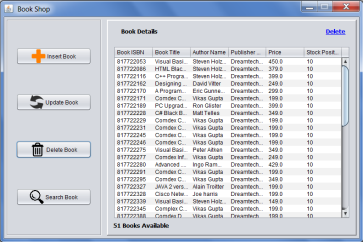
Main Form

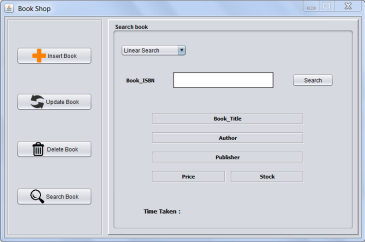
Login Form Change Auth

Main Menu Update Form



Delete Form



Search Form