Table name Books:

|  |  |  |  |
| --- | --- | --- | --- |
| Column name | Data types | Constraint |  |
| Title | Char(20) | Unique | Derived from category and publisher |
| ISBN | Integer | Primary Key | Fixed value |
| Author First Name | Char(15) |  | Composite attribute |
| Author Middle Name | Char(15) |  | Composite attribute |
| Author Last Name | Char(15) |  | Composite attribute |
| Rating | Integer |  | Default value unrated |
| Publisher | Char(15) | Not null |  |
| Category | Char(10) |  | Set of horror,mystery etc.. |
| Quantity | Integer |  | Default value 1 |
| Published Date | Date | Not null | Default just now |
| Price | Float | Not null |  |

Table name Borrower:

|  |  |  |
| --- | --- | --- |
| Column name | Data types | Constraint |
| Title | Char(20) | Unique |
| ISBN | Integer | Foreign Key |
| Student ID | Char(15) | Primary Key |
| Student Name | Char(15) |  |
| Return Date | Date |  |

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