User Table

|  |  |  |  |
| --- | --- | --- | --- |
| Id | Primary Key | Unique | Not Null |
| User\_id | Yes | Yes | Yes |
| Username | No | Yes | Yes |
| Passhash | No | No | Yes |
| Name | No | No | No |
| Email | No | No | No |

Book Table

|  |  |  |  |
| --- | --- | --- | --- |
| Book\_id | Yes | Yes | Yes |
| Name | No | No | Yes |
| Author | No | No | Yes |
| Content | No | No | No |
| Section\_Id | Foreign\_key | No | Yes |
| Date Issued | No | No | Yes |
| Return Date | No | No | Yes |

Section Table

|  |  |  |  |
| --- | --- | --- | --- |
| Section\_id | Yes | Yes | Yes |
| Name | No | Yes | Yes |
| Date Created | No | No | Yes |
| Description | No | No | No |

Library Table

|  |  |  |  |
| --- | --- | --- | --- |
| Book\_Id | Foreign |  | Yes |
| User\_Id | Foreign |  | Yes |
| Return Date | Foreign |  | Yes |
| Lib\_id | Yes | Yes | Yes |