|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | login\_id | int(10) | Primary Key | Login Id |
| 2 | email | varchar(20) | NOT NULL | Email |
| 3 | password | varchar(20) | NOT NULL | Password |
| 4 | role | varchar(20) | NOT NULL | Role of actors |
| 5 | status | int(10) | NOT NULL | Status active/deactive |

**Table design**

1.tbl\_ login

Primary key: login\_id

Foreign key: login\_id references table tbl\_customer, tbl\_seller, tbl\_deliveryboy

##### 2.tbl\_ customer

Primary key: **user\_id**

Foreign key: **login\_id** references table **tbl\_login**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | user\_id | int(10) | Primary Key | Customer Registration Id |
| 2 | fname | varchar(20) \_ | NOT NULL | Customers first name |
| 3 | contactno | varchar (20) | NOT NULL | Users contact number |
| 4 | login\_id | varchar(20) \_ | Foreign Key | Login id |
| 5 | status | int (10) | NOT NULL | Status-active/blocked |

##### 3.tbl\_ seller

Primary key: **seller\_id**

Foreign key: **login\_id** references table **tbl\_login**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | seller\_id | int(10) | Primary Key | Seller Registration Id |
| 2 | fname | varchar(20) \_ | NULL | Sellers first name |
| 3 | contactno | varchar (20) | NOT NULL | Users contact number |
| 4 | login\_id | varchar(20) \_ | Foreign Key | Login id |
| 5 | pdf | varchar(225 )\_ | NOT NULL | Sellers id proof |
| 6 | status | int (10) | NOT NULL | Status-active/blocked |

##### 4.tbl\_ category

Primary key: **category\_id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | category\_id | int(10) | Primary Key | Category Id |
| 2 | category name | varchar(20) \_ | NOT NULL | Category name |
| 3 | category description | varchar(20) \_ | NOT NULL | Category description |
| 4 | creation-date | timestamp | NOT NULL | Category Creation time |
| 5 | updation\_date | timestamp | NOT NULL | Category Updation time |
| 6 | status | int(10) | NOT NULL | Status active/deactive |

##### 5.tbl\_ subcategory

##### Primary key: subcategory\_id

Foreign key: category\_id references table tbl\_category

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | subcategory\_id | int(10) | Primary Key | Category Id |
| 2 | subcategory name | varchar(20) \_ | NOT NULL | Subcategory name |
| 3 | category\_id | int(10) | Foreign Key | Category Id |
| 4 | creation-date | timestamp | NOT NULL | Category Creation time |
| 5 | updation\_date | timestamp | NOT NULL | Category Updation time |
| 6 | status | int(10) | NOT NULL | Status active/deactive |

6.tbl\_ author

Primary key: **author\_id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | author\_id | int(10) | Primary Key | Author Id |
| 2 | author name | varchar(20) \_ | NOT NULL | Author name |
| 3 | author description | varchar(20) \_ | NOT NULL | Author description |
| 4 | creation-date | timestamp | NOT NULL | Author Creation time |
| 5 | updation\_date | timestamp | NOT NULL | Author Updation time |
| 6 | status | int(10) | NOT NULL | Status active/deactive |

##### 7.tbl\_ book

Primary key: **book\_id**

Foreign key: **category\_id** references table **tbl\_category**

##### seller\_id references table tbl\_seller

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | book\_id | int(10) | Primary Key | Book id |
| 2 | book\_name | varchar(20) \_ | NOT NULL | Book name |
| 3 | Publisher | varchar(20) | NOT NULL | Publisher |
| 4 | Edition | varchar(20) | NOT NULL | Edition |
| 5 | Language | varchar(20) | NOT NULL | Language |
| 6 | Seller\_id | int(10) | Foreign Key | Seller id |
| 7 | Volume | int(10) | NOT NULL | Volume |
| 8 | ISBN | varchar(20) \_ | NOT NULL | ISBN |
| 9 | Page no | varchar(20) | NOT NULL | Page no |
| 10 | price | varchar(20) | NOT NULL | Price |
| 11 | date | timestamp | NOT NULL | date |
| 12 | description | varchar(20) \_ | NOT NULL | Description |
| 13 | stock | Int(10) | NOT NULL | Stock of the book |
| 14 | e\_book\_id | Int(10) | Foreign Key | E-book id |

**8.tbl\_ cart**

Primary key: **cart\_id**

##### Foreign key: category\_id references table tbl\_category

**book\_id** references table **tbl\_book**

**seller\_id** references table **tbl\_seller**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | cart\_id | int(10) | Primary Key | Cart Id |
| 2 | customer\_id | varchar(20) \_ | Foreign Key | Customer Id |
| 3 | seller\_id | varchar(20) \_ | Foreign Key | Seller id |
| 4 | book\_id | varchar(20) | Foreign Key | Book id |
| 5 | quantity | varchar(20) \_ | NOT NULL | Quantity |
| 4 | creation-date | timestamp | NOT NULL | Creation time |
| 5 | updation\_date | timestamp | NOT NULL | Updation time |
| 6 | status | int(10) | NOT NULL | Status active/deactive |

##### 9.tbl\_ payment

Primary key: **payment\_id**

Foreign key: **seller\_id** references table **tbl\_seller**

**login\_id** references table **tbl\_login**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | payment\_id | int(10) | Primary Key | Payment Id |
| 2 | amount | varchar(20) \_ | NOT NULL | Amount |
| 3 | seller\_id | varchar(20) \_ | Foreign Key | Seller id |
| 4 | Login\_id | Int(10) | Foreign Key | Login Id |
| 5 | date | timestamp | NOT NULL | Payment date |
| 6 | status | int(10) | NOT NULL | Status active/deactive |

##### 10.tbl\_ order

Primary key: **order\_id**

Foreign key: **seller\_id** references table **tbl\_seller**

**login\_id** references table **tbl\_login**

**seller\_id** references table **tbl\_seller**

##### cart\_id references table tbl\_cart

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | order\_id | int(10) | Primary Key | Order Id |
| 2 | cart\_id | varchar(20) \_ | Foreign Key | Cart id |
| 3 | seller\_id | varchar(20) \_ | Foreign Key | Seller id |
| 4 | Login\_id | int(10) | Foreign Key | Login Id |
| 5 | amount | varchar(20) | NOT NULL | Amount paid |
| 6 | date | timestamp | NOT NULL | order date |
| 7 | status | int(10) | NOT NULL | Status active/deactive |

##### 11.tbl\_ review

Primary key: **review\_id**

Foreign key: **book\_id** references table **tbl\_book**

**customer\_id** references table **tbl\_customer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | review\_id | int(10) | Primary Key | Review Id |
| 2 | book\_id | varchar(20) \_ | Foreign Key | Book id |
| 3 | customer\_id | varchar(20) \_ | Foreign Key | Customer id |
| 4 | review | varchar(20) | NOT NULL | Review text |
| 5 | date | timestamp | NOT NULL | Review date |
| 6 | status | int(10) | NOT NULL | Status active/deactive |

##### 12.tbl\_ shipping\_address

Primary key: **address\_id**

Foreign key: **customer\_id** references table **tbl\_customer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | address\_id | int(10) | Primary Key | Review Id |
| 2 | customer\_id | int(10) \_ | Foreign Key | Customer id |
| 3 | address\_line1 | varchar(20) \_ | NOT NULL | Address line |
| 4 | address\_line2 | varchar(20) | NOT NULL | Address line |
| 5 | city | varchar(20) | NOT NULL | city |
| 6 | state | varchar(20) | NOT NULL | state |
| 7 | country | varchar(20) | NOT NULL | country |
| 8 | pincode | int(10) | NOT NULL | pincode |
| 9 | phone | Int(10) | NOT NULL | Shipment phone number |
| 10 | status | int(10) | NOT NULL | Status active/deactive |

##### 13.tbl\_ delivery\_boy

Primary key: **db\_id**

Foreign key: **login\_id** references table **tbl\_login**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | db\_id | int(10) | Primary Key | Delivery boy Id |
| 2 | db\_name | varchar(20) | NULL | Delivery boy name |
| 3 | db\_contactno | int(10) | NOT NULL | Delivery boy contact number |
| 4 | db\_image | varchar(20) | NOT NULL | Image |
| 5 | db\_vehicle\_type | varchar(20) | NOT NULL | Vehicle type |
| 6 | Vehicle\_no | varchar(20) | NOT NULL | Vehicle number |
| 7 | login\_id | int(10) | Foreign key | Login id |
| 8 | address\_line1 | varchar(20) | NOT NULL | Address line |
| 9 | address\_line2 | varchar(20) | NOT NULL | Address line |
| 10 | city | varchar(20) | NOT NULL | city |
| 11 | state | varchar(20) | NOT NULL | state |
| 12 | country | varchar(20) | NOT NULL | country |
| 13 | pincode | int(10) | NOT NULL | pincode |
| 14 | status | int(10) | NOT NULL | Status active/deactive |

14. tbl\_dbassign

Primary key: dbassign\_id

Foreign Key: db\_id references table tbl\_deliverboy,

orderid references table tbl\_orders,

sellerid references table tbl\_sellerreg

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Fieldname** | **Datatype (Size)** | **Key Constraints** | **Description of the Field** |
| 1 | dbassign\_id | int (10) | Primary Key | Delivery boy assign ID |
| 2 | orderid | int (10) | Foreign Key | Order ID |
| 3 | db\_id | int (10) | Foreign Key | Deliver boy ID |
| 4 | sellerid | int (10) | Foreign Key | Seller’s ID |
| 5 | deliver\_status | int (20) | NOT NULL | Deliver status |
| 9 | dbassign\_time | datetime | NOT NULL | Assigned Time |
| 10 | otp\_time | varchar (30) | NOT NULL | Otp Send Time |
| 11 | otp | varchar (30) | NOT NULL | otp |
| 12 | delivered\_time | datetime | NOT NULL | Delivered Time |
| 13 | status | varchar (30) | NOT NULL | Status-active/blocked |

14. tbl\_usedbook

Primary key:ubook\_id

Foreign Key: db\_id references table tbl\_deliverboy

sellerid references table tbl\_customer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Fieldname** | **Datatype (Size)** | **Key Constraints** | **Description of the Field** |
| 1 | ubook\_id | int (10) | Primary Key | Used book ID |
| 2 | title | varchar (30) | Foreign Key | Title of the book |
| 3 | author | varchar (30) | Foreign Key | Author of the book |
| 4 | category | varchar (30) | NOT NULL | Category of the book |
| 5 | publisher | varchar (30) | NOT NULL | Publisher name |
| 5 | Publication\_year | int (20) | NOT NULL | Publication year |
| 9 | condition | varchar (30) | NOT NULL | Condition of the book |
| 10 | ISBN | varchar (30) | NOT NULL | ISBN of the book |
| 11 | price | int(30) | NOT NULL | Expected price |
| 12 | Seller\_id | int (20) | Foreign Key | Id of the customer |
| 13 | Sold\_out | varchar (30) | NOT NULL | Sold out or not |
| 14 | status | int (20) | NOT NULL | Status-active/blocked |

14. tbl\_ebook

Primary key:ebook\_id

Foreign Key: db\_id references table tbl\_deliverboy

sellerid references table tbl\_customer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | ebook\_id | int(10) | Primary Key | ebook Id |
| 2 | pdf | varchar(20) | NOT NULL | Pdf of the book |
| 3 | status | int (20) | NOT NULL | Status-active/blocked |