**tbl\_author**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| authorId | Int | Primary Key | Store author id |
| authorFName | text |  | To store author first name |
| authorLName | text |  | To store last name |
| authorAddress | Varchar |  | To store address |
| authorCity | Text |  | To store city |
| authorPincode | Int |  | To store pincode |
| authorState | Text |  | To store state |
| authorEmail | Varchar |  | To store email |
| authorContact | text |  | To store phone number |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **tbl\_bookprice** |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| bookId | Int | Foreign Key | Reference to book table |
| vendorId | tinyint | Foreign Key | Reference to vendor table |
| Price | float |  | To store price of a book |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| ISSN | Int | Primary Key | Store iss of a book |
| bookName | text |  | To store title of the book |
| categoryId | tinyint | Foreign key | Reference to category table |
| authorId | tinyint | Foreign key | Reference to author table |
| publisherId | tinyint | Foreign key | Reference to publisher table |
| coverPage | varchar |  | Relative path of cover page image |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| categoryId | tinyint | Primary Key | Categories like gk,maths etc |
| caegoryName | text |  | To store title of the category |

**tbl\_books**

**tbl\_category**

**tbl\_exam**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| examId | tinyint | Primary Key | TO store exam id |
| userId | text | Foreign key | Reference to user signup table |
| categoryId | tinyint | Foreign key | Reference to category table |
| qAtempted | tinyint |  | To store the number of questions attempted |
| ansCorrect | tinyint |  | To store correct answers |
| score | tinyint |  | To store the score of the exam |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| institutionId | tinyint | Primary Key | To store institutions id |
| institutionName | text |  | To store institutions name |
| institutionAddress | text |  | To store institutions address |
| institutionCity | text |  | To store institutions city |
| institutionPincode | int |  | To store institutions pincode |
| institutionState | text |  | To store institutions state |
| institutionContact | text |  | To store institutions contact number |

**tbl\_institutions**

tbl\_instquestions

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| institutionId | tinyint | Foreign key | Reference to institution table |
| questionNumber | text | Foreign key | Reference to questions table |

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| publisher Id | tinyint | Primary Key | To store publishers id |
| publisher Name | text |  | To store publishers name |
| publisher Address | varchar |  | To store publishers address |
| publisher City | text |  | To store publishers city |
| publisher Pincode | int |  | To store publishers pincode |
| publisher State | text |  | To store publishers state |
| publisher Mobile | text |  | To store publishers mobile number |
| publisherPhone | text |  | To store publishers phone number |

**tbl\_publisher**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| qNo | tinyint | Primary Key | To store question id numbers |
| qCategory | text | Foreign key | Reference to category table |
| question | varchar |  | To store the questions |
| Opt1 | text |  | To store option 1 |
| Opt2 | int |  | To store option 2 |
| Opt3 | text |  | To store option 3 |
| Opt4 | text |  | To store option 4 |
| answer | text |  | To store the correct answer |

**tbl\_questions**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| fname | varchar |  | To store users first name |
| lName | varchar |  | To store users lastname |
| emailId | varchar | Primary Key | To store users email id |
| password | varchar |  | To store users password |
| doj | date |  | To store users date of join |

**tbl\_user\_signup**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Constraint** | **Description** |
| vendorId | tinyint | Primary Key | To store vendors id |
| vendorName | text |  | To store vendors name |
| vendor Address | varchar |  | To store vendors address |
| vendorCity | text |  | To store vendors city |
| vendorPincode | int |  | To store vendors pincode |
| vendorState | text |  | To store vendors state |
| vendorMobile | text |  | To store vendors mobile number |
| vendorPhone | text |  | To store vendors phone number |

**tbl\_vendors**