

TABLES

Table No:1 tbl_user_type

Primary Key: user_type_id

Foregin Key:

Field Name	Type	Size	Description
user_Type_id	Int	10	Primary key of the user type table
user_Type_Name	Varchar	20	To store user types

Table No:2 tbl_login

Primary Key: login_id

Foregin Key: reg_email

Field Name	Type	Size	Description
login_Id	Int	10	Primary key of the login table
reg_Email	Varchar	50	Foregin key from the registration table
password	Varchar	30	Store password of user

Table No: 3 tbl_reg

Primary Key: reg_email

Foregin Key: user_type_id,login_id

Field Name	Type	Size	Description
reg_Email	Varchar	50	Primary key of the registration table
user_Type_Id	Int	10	Foregin key of the user type table
login_Id	Int	10	Foregin key of the login table
fname	Varchar	30	Store user first name
mname	Varchar	30	Store user middile name
lname	Varchar	30	Store user last name
day	date	10	Store date of birth of user
month	Int	10	Store date of birth of user
year	Int	10	Store date of birth of user
age	Int	10	Store date age of user
address	Varchar	50	Store address of user
city	Varchar	30	Store city name of user
district	Varchar	30	Store district name of user
state	Varchar	30	Store state name of user
pincode	Int	10	Store pincode of user

mobile_Num_1	Int	10	Store mobile number of user
mobile_Num_2	Int	10	Store mobile number of user
aadhar_No	Int	15	Store aadhar number of user
password	Varchar	30	Store password of user
photo	Blob	max	Store photo of user
r_Name	Varchar	30	Store recommending person's name
r_Office_Address	Varchar	50	Store recommending person's address
r_Mobile_num	Int	10	Store mobile number of Recommending person
l_Job_Title	Varchar	30	Store previous job title of librarian
l_Working_Years	Int	10	Store previous job's working years of librarian
l_Working_Address	Varchar	50	Store previous working address of librarian

Table No: 4 tbl_Category

Primary Key: category_Id

Foregin Key:

Field Name	Type	Size	Description
category_Id	Int	10	Primary key of the category table
category_Name	Varchar	30	Store category name of books

Table No: 5 tbl_Book_Management

Primary Key: bk_Id

Foregin Key:category_Id

Field Name	Type	Size	Description
bk_Id	Int	10	Primary key of the table
bk_Title	Varchar	50	Store book title
bk_Author	Varchar	30	Store author's name
Category_Id	Int	10	Foregin key from the category table
bk_Edition	Int	10	Store edition number of the book
bk_ISBN	Int	10	Store ISBN number of the book
bk_Published_Year	Int	10	Store published year of the book
bk_Publisher	Varchar	30	Store publisher's name
bk_Published_Agency	Varchar	30	Store published agency name
bk_No_Of_Pages	Int	10	Store number of pages of the book
bk_No_Of_Copy	Int	10	Store number of copies of the book
bk_Price	Int	10	Store price of the book
bk_Status	Varchar	20	Store status of the book

Table No: 6 tbl_issue_Book

Primary Key: issue_Id

Foregin Key:bk_Request_Id,reg_Email,bk_Id,penalty_Id

Field Name	Type	Size	Description
Issue_Id	Int	10	Primary key of issue table
bk_Request_Id	Int	10	Foregin key from the book request table
reg_Email	Varchar	50	Foregin key from the registration table
Penalty_Id	Int	10	Foregin key from the penalty table
bk_Id	Int	10	Foregin key from the Book Management table
issue_Date	Date	10	Store issue date of the book
return_Date	Date	10	Store return date of the book
Issue_Status	Varchar	20	Store status of the issuing book

Table No: 7 tbl_Penalty

Primary Key:penalty_Id

Foregin Key:reg_Email

Field Name	Type	Size	Description
Penalty_Id	Int	10	Primary key of the penalty table
reg_Email	Varchar	50	Foregin key from the registration table
penalties	Numeric	20	Store penalties of the customer

penalty_Satus	Varchar	20	Store status of the penalty status
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Table No: 8 tbl_Payment

Primary Key:payment_Id

Foregin Key:reg_Email,

Field Name	Type	Size	Description
payment_Id	Int	10	Primary key of the payment table
reg_Email	Varchar	50	Foregin key from the registration table
payment_Card_Holder_Name	Varchar	30	Store card holder name
payment_Card_No	Int	10	Store card number
payment_CVV	Int	10	Store cvv number
payment_Expiry_Month	Date	10	Store expiry month
payment_Expiry_Year	Date	10	Store expiry year
Payment_Amount	Numeric	10	Store amount

Table No: 9 tbl_Book_Request

Primary Key:bk_Request_Id

Foregin Key:reg_Email,bk_Id

Field Name	Type	Size	Description
bk_Request_Id	Int	10	Primary key of the book request table
reg_Email	Varchar	50	Foregin key from the registration table

bk_Id	Int	10	Foregin key of the book Management table
requested_Date	Date	10	Stores book requested date
Prerequested_Date	Date	10	Stores book reserving date