

Table Design

Login Table

Field	Description	Data Types	Length	Constraints
id	Id	Int	11	Primary key
Username	User Name	Varchar	250	Not null
password	Password	Varchar	250	Not null
role	Role	Varchar	250	Not null

User Table

Field	Description	Data Types	Length	Constraints
User_id	User id	Int	11	Primary key
login_id	Login id	Int	11	Foreign key
email	Email	Varchar	250	Not null
password	Password	Varchar	250	Not null
Phone no	Phone Number	Int	11	Not null
address	Address	Varchar	250	Not null

Book Table

Field	Description	Data Types	Length	Constraints
book_id	Book id	Int	11	Primary key
login_id	Login id	Int	11	Foreign key
book name	Book Name	Varchar	250	Not null
book price	Book Price	Int	11	Not null
book author	Book Author	Varchar	250	Not null
category	Category	Varchar	250	Not null

Payment Table

Field	Description	Data Types	Length	Constraints
payment_id	Payment id	Int	11	Primary key
login_id	Login id	Int	11	Foreign key
amount	Amount	Int	11	Not null
account no	Account Number	Int	11	Not null

Rent Request Table

Field	Description	Data Types	Length	Constraints
book_id	Book id	Int	11	Foreign key
book date	Book Date	Time/Date	11	Not null

Volunteer Table

Field	Description	Data Types	Length	Constraints
User_id	User id	Int	11	Primary key
login_id	Login id	Int	11	Foreign key
Phone no	Phone Number	Int	11	Not null
address	Address	Varchar	250	Not null
name	Name	Varchar	250	Not null

Buy Request Table

Field	Description	Data Types	Length	Constraints
book_id	Book id	Int	11	Foreign key
book date	Book Date	Time/Date	11	Not null

Chat Table

Field	Description	Data Types	Length	Constraints
chat_id	Chat id	Int	11	Primary key
login_id	Login id	Int	11	Foreign key
chat msg	Chat Message	Varchar	250	Not null

Feedback Table

Field	Description	Data Types	Length	Constraints
feedback_id	Feedback id	Int	11	Primary key
comment	Comment	Varchar	250	Not null