Database Schema

CUSTOMER
cID int
name varchar(30)
gender char(1)
address varchar(50)
emailID varchar(50)
password varchar(15)
city varchar(20)
zipcode varchar(6)
state varchar(20)
country varchar(20)
contactNo varchar(12)
accountNo varchar(16)
balance_amt float

Primary Key: cID

Unique Key: contactNo, accountNo

SELLER
sID int
name varchar(30)
gender char(1)
address varchar(50)
emailID varchar(50)
password varchar(30)
city varchar(20)
zipcode varchar(6)
state varchar(20)
country varchar(20)
contactNo varchar(12)

Primary Key: sID

Unique Key: contactNo

BOOK
bID int
sID int
name varchar(100)
author varchar(30)
genre varchar (20)
quantity int
price float
discount float
releaseDate date

Primary Key: bID

Foreign Key: sID referencing to Seller(sID)

ORDERS
oID int
cID int
bID int

Primary Key: oID

Foreign Key 1: bID referencing to Book(bID)

Foreign Key 2: cID referencing to Customer(cID)

CART
cartID int
cID int
bID int

Primary Key: cartID

Foreign Key 1: bID referencing to Book(bID)

Foreign Key 2: cID referencing to Customer(cID)

---SCREENSHOTS OF THE DATA ENTRIES----

1. SELLER

	sID	name	gender	address	emailID	password	city	zipcode	state	country	contactNo
▶	1	Abhishek Singh Naruka	M	BH-1 lnmiit Rupa ki Nagal	19ucs261@lnmiit.ac.in	pass123	Jaipur	302006	Rajasthan	India	7976637234
	2	Mohit Khandelwal	M	Jaipur Rajasthan	mohitKhandelwal@gmail.com	pass123	Jaipur	302006	Rajasthan	India	7972347125
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

2. CUSTOMER

	cID	name	gender	address	emailID	password	city	zipcode	state	country	contactNo	accountNo	balance_amt
▶	1	Jaskaran	M	BH-1 lnmiit Rupa ki Nagal	19ucs262@lnmiit.ac.in	pass234	Jaipur	302006	Rajasthan	India	8264683476	19897532405	109231
	2	Sakshi Mittal	F	GH-1 lnmiit Rupa ki Nagal	19ucs265@lnmiit.ac.in	passxyz	Jaipur	302006	Rajasthan	India	8742967183	19997507405	80765
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

3. BOOK

	bID	sID	name	author	genre	quantity	price	discount	releaseDate
▶	1	1	Three man in a boat	Jerome K. Jerome	comedy	50	128	0	1889-02-07
	2	2	The Hitchhiker's Guide to the Galaxy	Douglas Adams	comedy	20	560	0	1979-12-09
	3	1	The Innocents Abroad	Mark Twain	comedy	10	1186.5	0	1869-03-15
	4	1	House of Leaves	Mark Z. Danielewski	horror	36	1400	0	2000-03-07
	5	1	The Road	Cormac McCarthy	horror	24	70	0	2006-09-26
	6	2	The haunting of hill House	Laura Miller	horror	13	770	0	1959-09-16
	7	2	Dracula	Bram Stoker	horror	48	490	0	1897-05-26
	8	2	If You Tell	Grag Olsen	thriller	12	840	0	2009-07-12
	9	1	I Am Watching You	Teresa Driscoll	thriller	108	204	0	2017-10-01
	10	1	Thin Air	Lisa Grey	thriller	43	545	0	2009-06-23
	11	2	Java The Complete Refrence	Herbert Schildt	compu...	200	726	0	1997-03-30
	12	1	Let Us C	Yashavant Kanetkar	compu...	250	253	0	2016-07-17
	13	1	C++ Programming Language	Bjarne Strousstrup	compu...	100	5227	0	1985-09-19
	14	1	Database System Concepts	Abraham Silberschatz	compu...	68	746	0	2019-02-12
	15	2	Digital System	Ronal J. Tocci	compu...	89	354	0	2009-01-01
	16	2	Intriduction tO Algorithms	Thomas H. Cormen	compu...	15	3911	0	1989-04-25
	17	1	Harry Potter:The complete collection	J.K. Rowling	fantasy	728	2325	0	2007-07-21
	18	1	The Lord of the Rings	Gergory Bassham	fantasy	59	1516	0	2003-08-04
	19	1	The Hobbit: The Battle of the Five ...	Jude Fisher	fantasy	70	699	0	2014-11-20
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

4. ORDERS

name	contactNo	name	genre	price	OrderID
Jaskaran	8264683476	C++ Programming Language	computer science	5227	1
Jaskaran	8264683476	The Road	horror	70	2
Sakshi Mittal	8742967183	Dracula	horror	490	3
Sakshi Mittal	8742967183	C++ Programming Language	computer science	5227	4

5. CART

name	contactNo	name	genre	price
Jaskaran	8264683476	Java The Complete Refrence	computer science	726
Jaskaran	8264683476	Let Us C	computer science	253
Jaskaran	8264683476	The Lord of the Rings	fantasy	1516
Jaskaran	8264683476	The Road	horror	70
Jaskaran	8264683476	Intriduction tO Algorithms	computer science	3911
Sakshi Mittal	8742967183	Three man in a boat	comedy	128
Sakshi Mittal	8742967183	The Innocents Abroad	comedy	1186.5
Sakshi Mittal	8742967183	Dracula	horror	490
Sakshi Mittal	8742967183	Harry Potter:The complete collection	fantasy	2325

NOTE: During testing of code, many new entries were made and removed. And we have shown the different functionalities of our code running as per the requirements in an orderly manner through screenshots.

Thank you
Group 3