

Library Table

L_ID	Library_Name	Location	Established_Year	Contact_Number
1	Sohar City Library	Sohar	2010	+968 26780000
2	Muscat Public Library	Muscat	1998	+968 24120000 , +968 24120001
3	Salalah Knowledge Hub	Salalah	2005	+968 23230000

1NF:

Removing Repeated groups

Library Table

L_ID	Library_Name	Location	Established_Year
1	Sohar City Library	Sohar	2010
2	Muscat Public Library	Muscat	1998
3	Salalah Knowledge Hub	Salalah	2005

LibraryContactNumber Table

L_ID	Contact_Number
1	+968 26780000
2	+968 24120000
2	+968 24120001
3	+968 23230000

Book Table

B_ID	ISBN	Price	Title	Availability Status	Shelf Location	L_ID	M_ID
101	97803458100	5.5	Al Noor	Available	A1	1	NULL
102	97812501022	6.0	Whispers of the Wadi	Borrowed	A2	1	201
103	97811019793	7.5	Desert Stories	Available	B1	2	NULL

104	97804515249	8.0	Oman's Hidden Treasures	Borrowed	C3	3	202
105	97806797833	4.5	Waves of Quriyat	Available	C5	3	NULL
106	97814000347	5.0	Frankincense Trails	Available	A4	1	NULL
107	97803074764	6.5	Wadis and Wonders	Borrowed	B2	2	203
108	97803745345	9.0	Echoes from Dhofar	Available	D2	3	NULL
109	97801404493	3.0	Souq Tales	Available	A5	1	NULL
110	97800623150	4.8	My Life in Muscat	Borrowed	E1	1	204

BookGenre Table

B_ID	Genre
101	Poetry
102	Fiction
103	History
104	Culture
105	Memoir

Member Table

M_ID	Email	FName	MName	LName	Membership_Start Date	L_ID
201	fatma@library.om	Fatma	Mohammed	Al Mamari	15/1/2025	1
202	farid@library.om	Farid	Sameer	Al Alawi	10/3/2023	2
203	fahad@library.om	Fahad	Khalid	Al Shekaili	5/7/2024	3
204	dana@library.om	Dana	Salim	Al Ghailani	22/6/2023	1

205	somou@library.om	Somou	Hosni	Al Salti	12/12/2024	3
206	tariq@library.om	Tariq	Farid	Al Alawi	22/9/2024	2

MemberPhoneNumber Table

M_ID	Phone_Number
201	+968 91879354
202	+968 95959229
203	+968 96689687

Staff Table

Staff_ID	FName	MName	LName	Position	Contact_Number	L_ID
301	Salim	Nasser	Al Maskari	Librarian	+96899887766	1
302	Mariam	Talib	Al Hinai	Assistant	+96899775544	2
303	Yousuf	Said	Al Amri	Technican	+96899443322	3
304	Sami	Khalid	Al Shekaili	Manager	+968 98580428	2

Borrowed Table (Loan Table)

Loan_ID	M_ID	B_ID	Loan_Date	Due_Date	Return_Date	Status
1	201	102	2025-05-01	2025-05-15	NULL	Borrowed
2	202	104	2025-05-02	2025-05-16	NULL	Borrowed
3	203	107	2025-04-15	2025-04-29	2025-04-28	Returned
4	204	110	2025-05-10	2025-05-24	NULL	Borrowed
5	205	105	2025-03-20	2025-04-03	2025-04-01	Returned
6	206	103	2025-05-12	2025-05-26	NULL	Borrowed
7	201	106	2025-03-10	2025-03-24	2025-03-22	Returned
8	202	109	2025-04-01	2025-04-15	2025-04-12	Returned

Payment Table

P_ID	Payment Date	Payment Method	Date	Due_Date	Return_Date	Status
501	16/5/2025	Credit Card	1/5/2025	15/5/2025	NULL	Overdue
502	5/4/2025	Cash	20/3/2025	3/4/2025	2/4/2025	Returned
503	10/5/2025	Debit Card	25/4/2025	9/5/2025	10/5/2025	Returned
504	17/5/2025	Credit Card	3/5/2025	17/5/2025	NULL	Overdue
505	15/5/2025	Mobile Payment	1/5/2025	14/5/2025	13/5/2025	Returned

Review Table

M_ID	B_ID	Rating	Comments	Review_Date
201	101	5	"Beautiful and inspiring"	12/5/2025
202	104	4	"Interesting cultural insight"	20/4/2025
203	105	3	"Could have more depth in storytelling"	14/5/2025
201	102	4	"Great characters and vivid imagery"	1/5/2025
202	103	5	"Fascinating historical content"	10/5/2025
203	101	2	"Not my style, but well-written"	17/5/2025

Ownership Table (LibraryBook Table)

L_ID	B_ID
1	101
1	102
2	103
3	104
3	105