

Map the ERD diagram into logical schema applying the conversion rules and also apply the normalization rules (first normal form, second normal form, third normal form) showing the final tables structure alongwith the referential relationships.

Library Table

<u>Library ID</u>	Name	Location	Contact Number	Established Year

Book Table

<u>Book ID</u>	ISBN	Title	Price	IS available	Genre	Shelf Location	<u>Library_ID</u> -----

Staff Table

<u>Staff ID</u>	Full name	Position	Contact number	<u>Library_ID</u> -----

Member Table

<u>Member ID</u>	Full name	Email	Membership Start Date	Phone number

Loan Table

<u>Loan ID</u>	Loan Date	Due Date	Return Date	Status	<u>Member_ID</u> -----	<u>Book_ID</u> -----

Review Table

<u>Review ID</u>	Rating	Comments	Review Date	<u>Book_ID</u> -----	<u>Member_ID</u> -----

Payment Table

<u>Payment ID</u>	Payment Date	Amount	Method	<u>Loan_ID</u> -----

