

Relational Database Model

Books = {ISBN, Name, Genre, Edition, Price, Quantity, Publisher_ID}

Members = {Member_ID, Name, Email, Contact No, Address, CNIC, Membership Date}

Issue Card = {(ISBN, Member_ID, Issue Date), Return Date, Late Fee Per Day, Late Days, Status}

Purchase Card = {(ISBN, Member_ID, Purchase Date), Price, Quantity}

Staff = {Staff_ID, Name, Contact No, Address, Salary}

Maintenance = {ISBN, Staff_ID}

Non-Members = {CNIC, Name, Email, Contact No, Address, ISBN}

Rent = {(ISBN, CNIC, Rent Date), Return Date, Late Fee Per Day, Late Days, Status}

Publisher = {Publisher_ID, Name}

Publish Date = {(ISBN, Publisher_ID), Day, Month, Year}