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**Application Name:** Library Service Management System

**Description:** The Library Service Management System is a meticulously crafted database application designed to enhance the management of library services. Tailored for efficiency, it facilitates the tracking of transactions, customer information, and employee management within a library setting.

**Main Features:**

1. **FName Table:**
   * Stores first names with a unique identifier (FNameID) as the primary key.
2. **NewMember Table:**
   * Contains information about new members, including MemberID, PhoneNumber, Email, Last Name (LName), and Address.
3. **NewMember\_Fname\_Association Table:**
   * Manages the association between new members and first names, including start and end dates for the association.
4. **NewGenres Table:**
   * Stores information about new genres, with GenreID as the primary key and GenreName as the genre's name.
5. **GenreInfo Table:**
   * Holds details about genre information, with GenreInfoID as the primary key and GenreInfo as the description of the genre.
6. **GenreInfo\_NewGenres\_Association Table:**
   * Manages the association between genre information and new genres, including start and end times for the association.
7. **Author Table:**
   * Stores author details such as AuthorID, FirstName, LastName, BirthDate, DeathDate, and Gender.
8. **Book Table:**
   * Contains information about books, including BookID, ISBN, BookTitle, AuthorID, Copies, GenreID, and PublisherID.
9. **Transaction Table:**
   * Tracks transactions related to book checkout and return, with TransactionID as the primary key and references to MemberID and BookID.
10. **Supervisor Table:**
    * Stores supervisor details like SupervisorID, FirstName, LastName, PhoneNumber, Email, Gender, and Position.
11. **Staffs Table:**
    * Contains information about staff members, including StaffID, FirstName, LastName, PhoneNumber, Email, Gender, Position, and SupervisorID. The combination of StaffID and SupervisorID is the primary key, and it references the Supervisor table for supervision relationships.

**Benefits:**

1. Easier tracking of books and inventory.
2. Streamlines transaction management.
3. Facilitates quick and easy access to member and book information.

**Intended Users:** All library members.

**Summary:** The Library Service Management System is a powerful database application designed to effectively manage book transaction services. It streamlines the recording of borrow transactions, provides easy access to member and book information, and serves as a robust tool for efficient book tracking within the library system.