Database Diagram for Library Management System

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emp id : 00134948

users
- 🔑 user_id INT
- 🔶 name VARCHAR(100)
- 🔶 email VARCHAR(100)
- 🔶 password VARCHAR(45)
- 🔶 role ENUM(...)
- 📍 members_member_id I...
- 📍 borrows_borrow_id INT
- 📍 fines_fine_id INT
- 📍 accounts_account_id INT
- **Indexes** ▶

members
- 🔑 member_id INT
- 🔶 member_type ENUM(...)
- 🔶 join_date DATE
- **Indexes** ▶

fines
- 🔑 fine_id INT
- 🔶 user_id INT
- 🔶 amount DECIMAL(6,...
- 🔶 reason VARCHAR(10...
- 🔶 paid_status ENUM(...)
- **Indexes** ▶

accounts
- 🔑 account_id INT
- 🔶 user_id INT
- 🔶 total_fines_paid DECIMAL(6,...
- 🔶 balance DECIMAL(6,2)
- **Indexes** ▶

borrows
- 🔑 borrow_id INT
- 🔶 user_id INT
- 🔶 book_id INT
- 🔶 borrow_date DATE
- 🔶 due_date DATE
- 📍 returns_return_id I...
- **Indexes** ▶

returns
- 🔑 return_id INT
- 🔶 borrow_id INT
- 🔶 return_date DATE
- 🔶 fine_amount DECIMAL(6,...
- **Indexes** ▶

books
- 🔑 book_id INT
- 🔶 title VARCHAR(100)
- 🔶 author VARCHAR(100)
- 🔶 isbn VARCHAR(45)
- 🔶 total_copies INT
- 🔶 available_copies INT
- 📍 borrows_borrow_id I...
- **Indexes** ▶