```
-- Enum type for User roles
CREATE TYPE user_role AS ENUM ('ADMIN', 'PATRON');
-- Users Table
CREATE TABLE users (
 id SERIAL PRIMARY KEY,
 name VARCHAR(255) NOT NULL,
 email VARCHAR(255) UNIQUE NOT NULL,
  password VARCHAR(255) NOT NULL,
 role user_role NOT NULL
);
-- Staff Table inheriting from Users
CREATE TABLE staffs (
 id INT PRIMARY KEY REFERENCES users(id),
  position VARCHAR(255),
 salary NUMERIC(10, 2)
);
-- Books Table
CREATE TABLE books (
 id SERIAL PRIMARY KEY,
 title VARCHAR(255) NOT NULL,
  author VARCHAR(255) NOT NULL,
 isbn VARCHAR(13) UNIQUE NOT NULL,
 copies_available INT DEFAULT 0,
 CONSTRAINT title_author_idx UNIQUE (title, author)
);
```

```
-- Indexes for books

CREATE INDEX title_idx ON books (title);

CREATE INDEX author_idx ON books (author);

-- Borrowing History Table

CREATE TABLE borrowing_histories (
    id SERIAL PRIMARY KEY,
    user_id INT NOT NULL REFERENCES users(id) ON DELETE CASCADE,
    book_id INT NOT NULL REFERENCES books(id) ON DELETE CASCADE,
    borrow_date DATE NOT NULL,
    return_date DATE,
    CONSTRAINT user_book_idx UNIQUE (user_id, book_id, borrow_date)
);

-- Indexes for Borrowing History

CREATE INDEX idx_user_id ON borrowing_histories (user_id);

CREATE INDEX idx_book_id ON borrowing_histories (book_id);
```