

-- Створення схеми

```
CREATE SCHEMA LibraryManagement;
```

-- Таблиця "authors"

```
CREATE TABLE LibraryManagement.authors (  
    author_id INT AUTO_INCREMENT PRIMARY KEY,  
    author_name VARCHAR(255)  
);
```

-- Таблиця "genres"

```
CREATE TABLE LibraryManagement.genres (  
    genre_id INT AUTO_INCREMENT PRIMARY KEY,  
    genre_name VARCHAR(255)  
);
```

-- Таблиця "books"

```
CREATE TABLE LibraryManagement.books (  
    book_id INT AUTO_INCREMENT PRIMARY KEY,  
    title VARCHAR(255),  
    publication_year YEAR,  
    author_id INT,  
    genre_id INT,  
    FOREIGN KEY (author_id) REFERENCES  
LibraryManagement.authors(author_id),  
    FOREIGN KEY (genre_id) REFERENCES LibraryManagement.genres(genre_id)  
);
```

-- Таблиця "users"

```
CREATE TABLE LibraryManagement.users (  
    user_id INT AUTO_INCREMENT PRIMARY KEY,  
    username VARCHAR(255),  
    email VARCHAR(255)  
);
```

-- Таблиця "borrowed\_books"

```
CREATE TABLE LibraryManagement.borrowed_books (  
    borrow_id INT AUTO_INCREMENT PRIMARY KEY,  
    book_id INT,  
    user_id INT,  
    borrow_date DATE,  
    return_date DATE,  
    FOREIGN KEY (book_id) REFERENCES LibraryManagement.books(book_id),  
    FOREIGN KEY (user_id) REFERENCES LibraryManagement.users(user_id)  
);
```