0-Level / Context

**Request a Book** **Login as librarian**

**Librarian**

**Users**

**Provide a book** **Information**

**Payment data** **Availability data**

**Request a Book Login as librarian**

**Books**

**Payment**

**Issue/ notification**

**Users**

**Librarian**

**Users**

**Librarian**

1-Level DFD

**Order**

**Provide a book** **Information**

**Payment data** **Availability data**

2-Level DFD

System database

circulation

**Request a Book** **Login as librarian**

**Users**

**Librarian**

**Provide a book** **Information**

**Payment data** **Availability data**

**Payment**

**Issue**

**librarian**

**users**

**books**

**orders**