

# **CSE347: Information System Analysis And Design Section: 06**

## **Equipment And Accessories Rental System**

### **Group: 5**

**Submitted By :**

**Muhammad Abdul Kayum  
ID: 2023-2-60-082**

**Reduan Islam  
ID: 2023-1-60-118**

**Md Ishaq  
ID: 2023-1-60-031**

**Md.Sadman  
Sakib Siam  
ID: 2023-1-60-119**

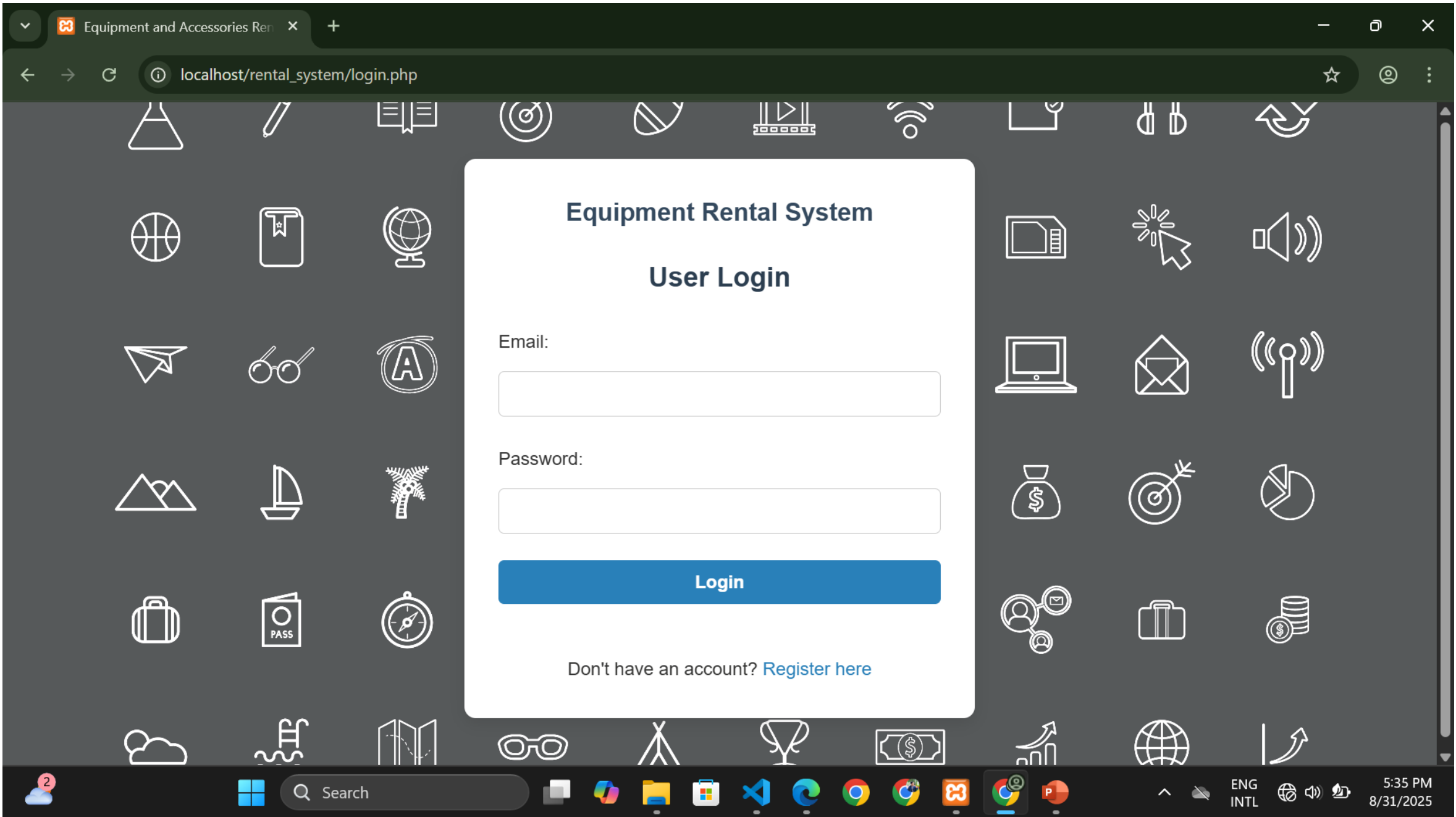
# Introduction

- Community-based rental & sharing platform
- Connects item owners with borrowers
- Features: listings, booking, notifications, reviews
- Promotes cost saving & sustainability

# Objectives

- Provide easy access to shared resources
- Reduce unnecessary purchases
- Create opportunities for extra income





Dashboard - Equipment and Accessories Rental System

+

localhost/rental\_system/index.php

🔍 ☆ 👤 ⋮

Equipment and Accessories Rental System

Rent. Share. Connect.

NAVIGATION

Dashboard

Search Items

My Items

My Bookings

Request Item

View Requests

ACCOUNT

Notifications

Logout

Dashboard

Welcome back, kayum!

kayum

User

K

🔍

Search Items

Find the perfect equipment for your needs from our wide collection of rental items.

Browse Items

📦

My Items

Manage your rental items, add new listings, and track their availability.

Manage Items

📅

My Bookings

View your current and past bookings, and manage rental schedules.

View Bookings

Quick Actions

+

Request Item

💬

View Requests

🔔

Notifications

📁

Add New Item

2

🏠

🔍 Search

📄

📁

📅

🔗

🌐

🔍

🔔

🔧

ENG INTL

🔊

🔌

5:34 PM 8/31/2025

localhost / 127.0.0.1 / rental\_db /

Search Items - Equipment and Accessories Rental System

localhost/rental\_system/search.php

Equipment and Accessories Rental System

Rent. Share. Connect.

NAVIGATION

Dashboard

Search Items

My Items

My Bookings

Request Item

View Requests

ACCOUNT

Notifications

Logout

Search Items

Find the perfect equipment for your needs


redwoan User

Search by title or description

Search Items


Available Items

8 items found




Suzuki Gixxer FI ABS

150cc suzuki. Bike for rent. Only use in city.



Sony mirrorless 3 DSLR Camera

22-78 mm focal lenght. very good picture quality. 1.4f.




Breadboard

3 pieces, good quality.

by kavum

View Details




F&D speaker System

full sound system with 101DB maximum sound.

2

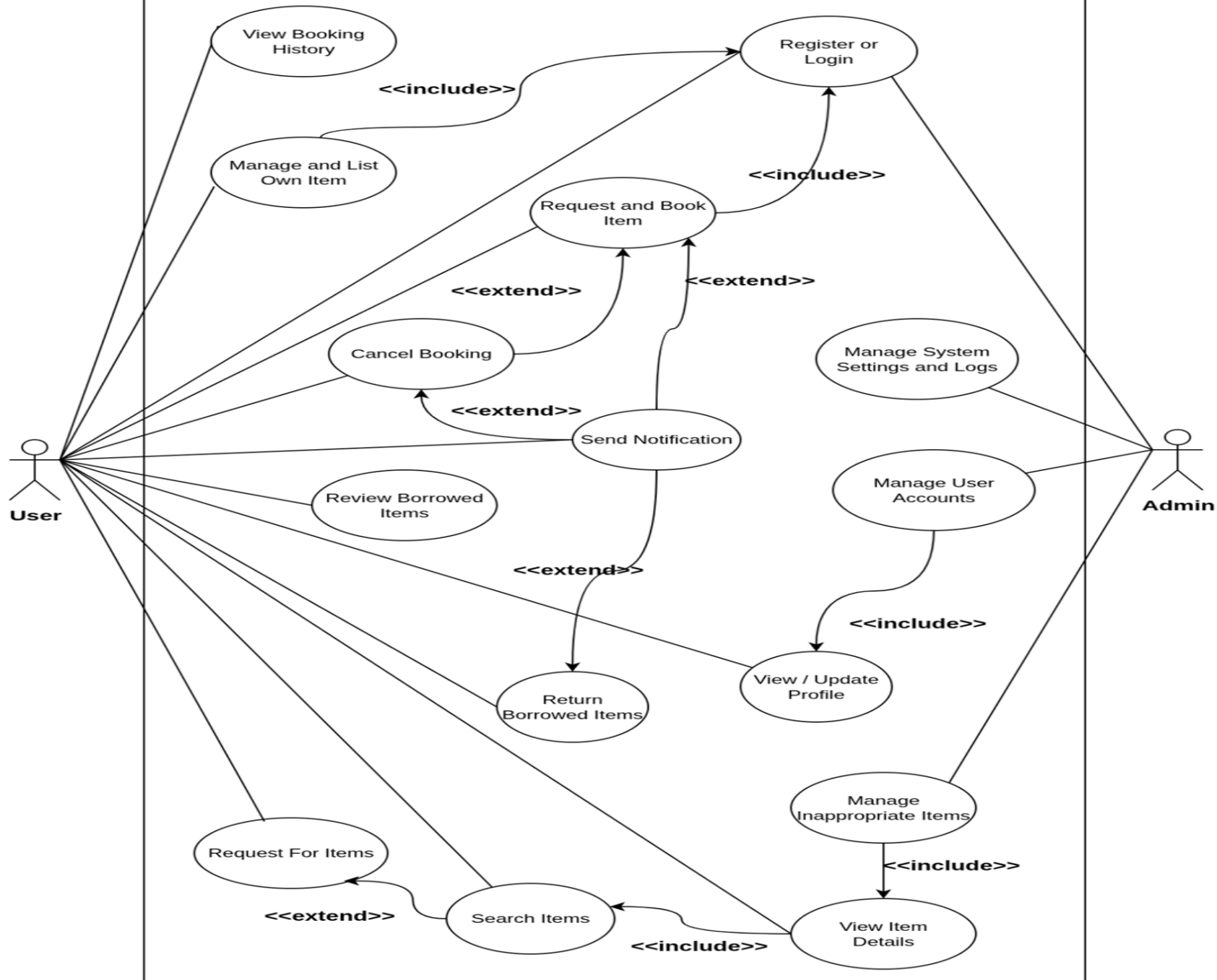
Search



ENG INTL

5:38 PM 8/31/2025

# Accessories And Equipment Rental System

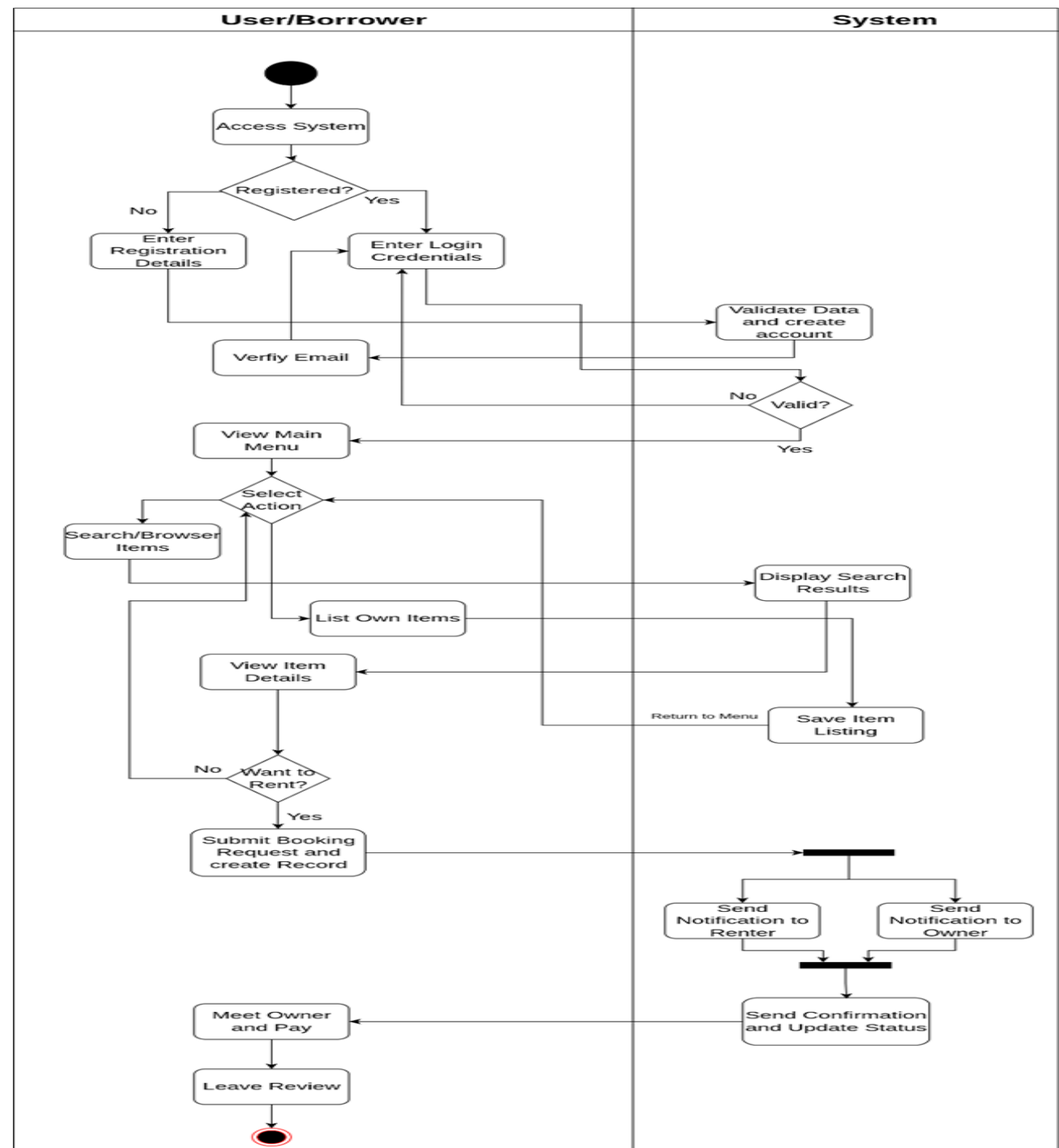




# Activity Diagram for Borrower

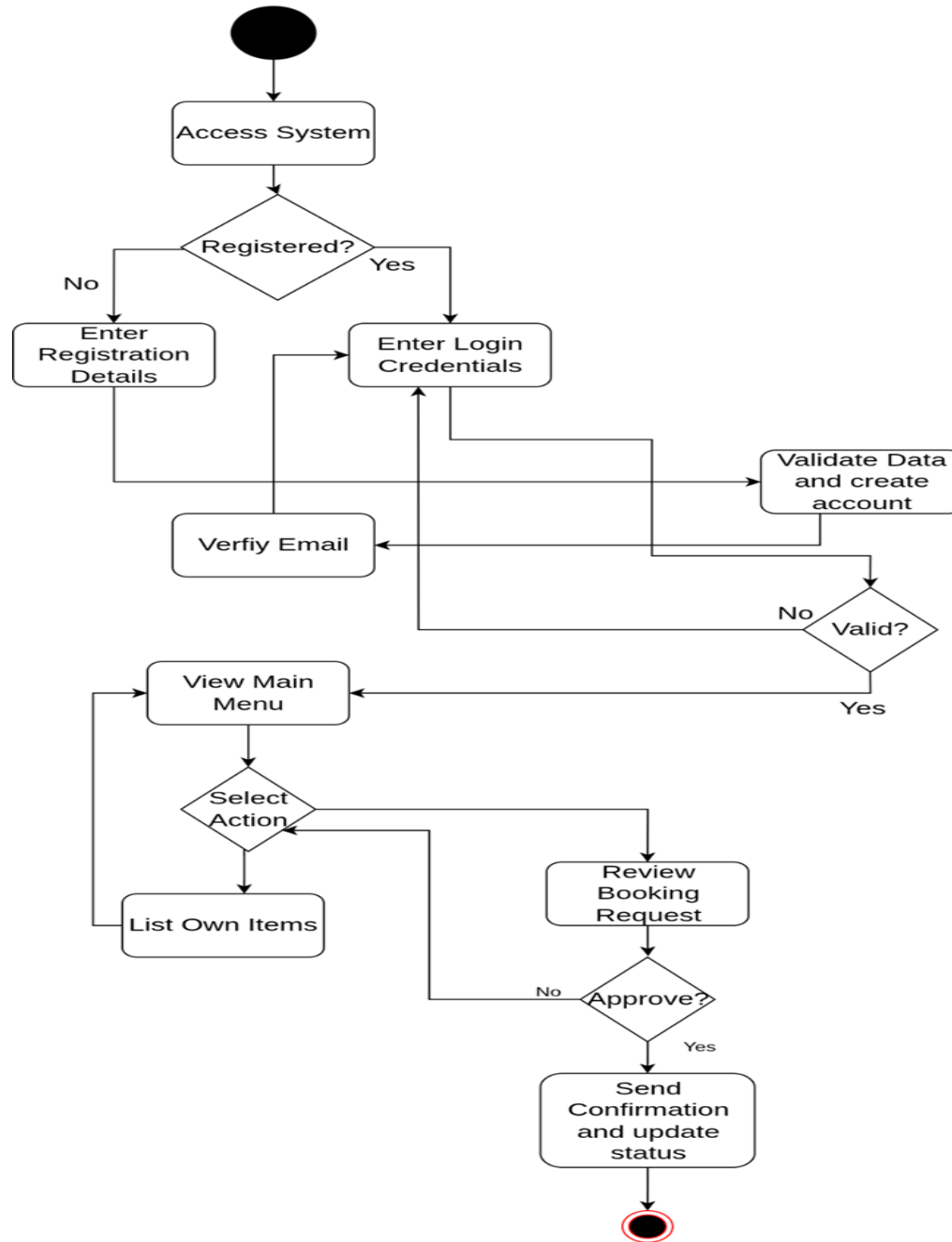
→ contains the borrowing process by user

→ Includes the system activity

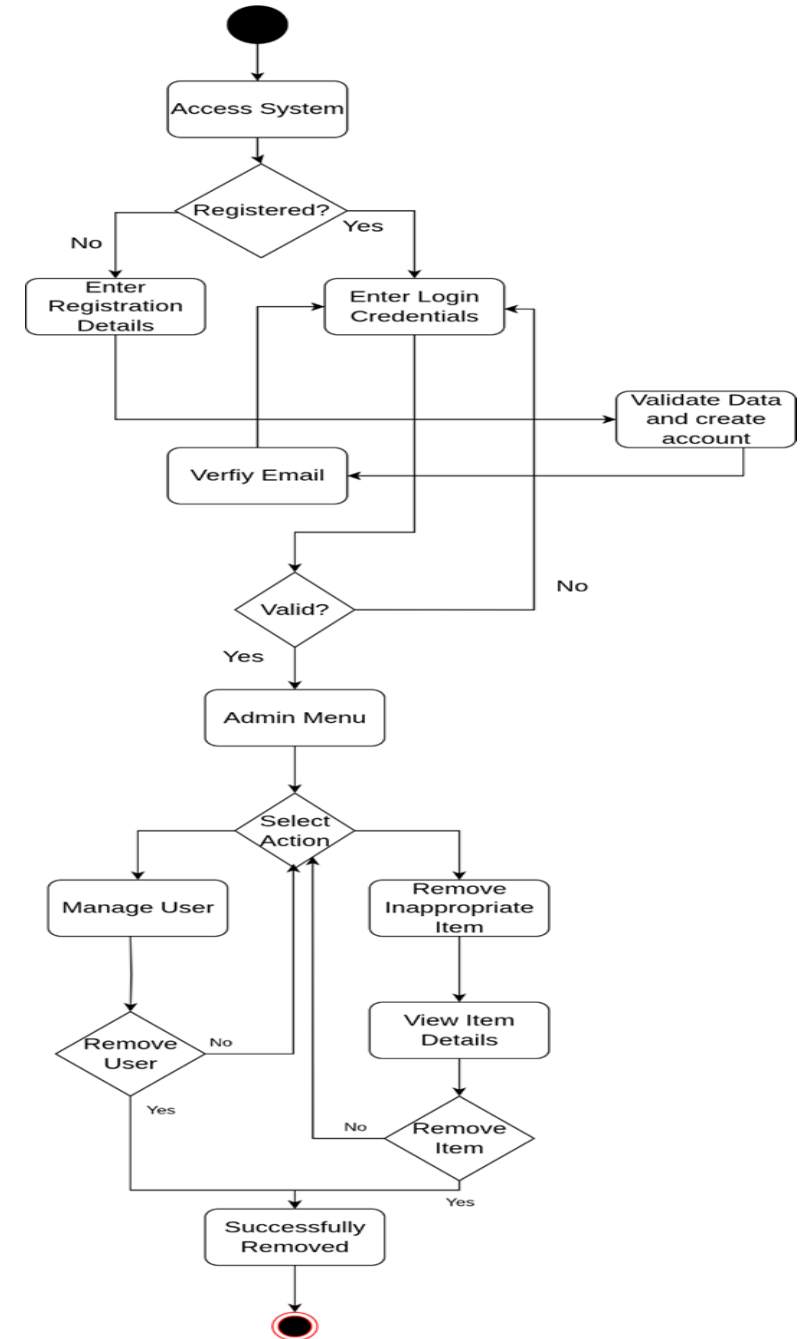




## Item Owner

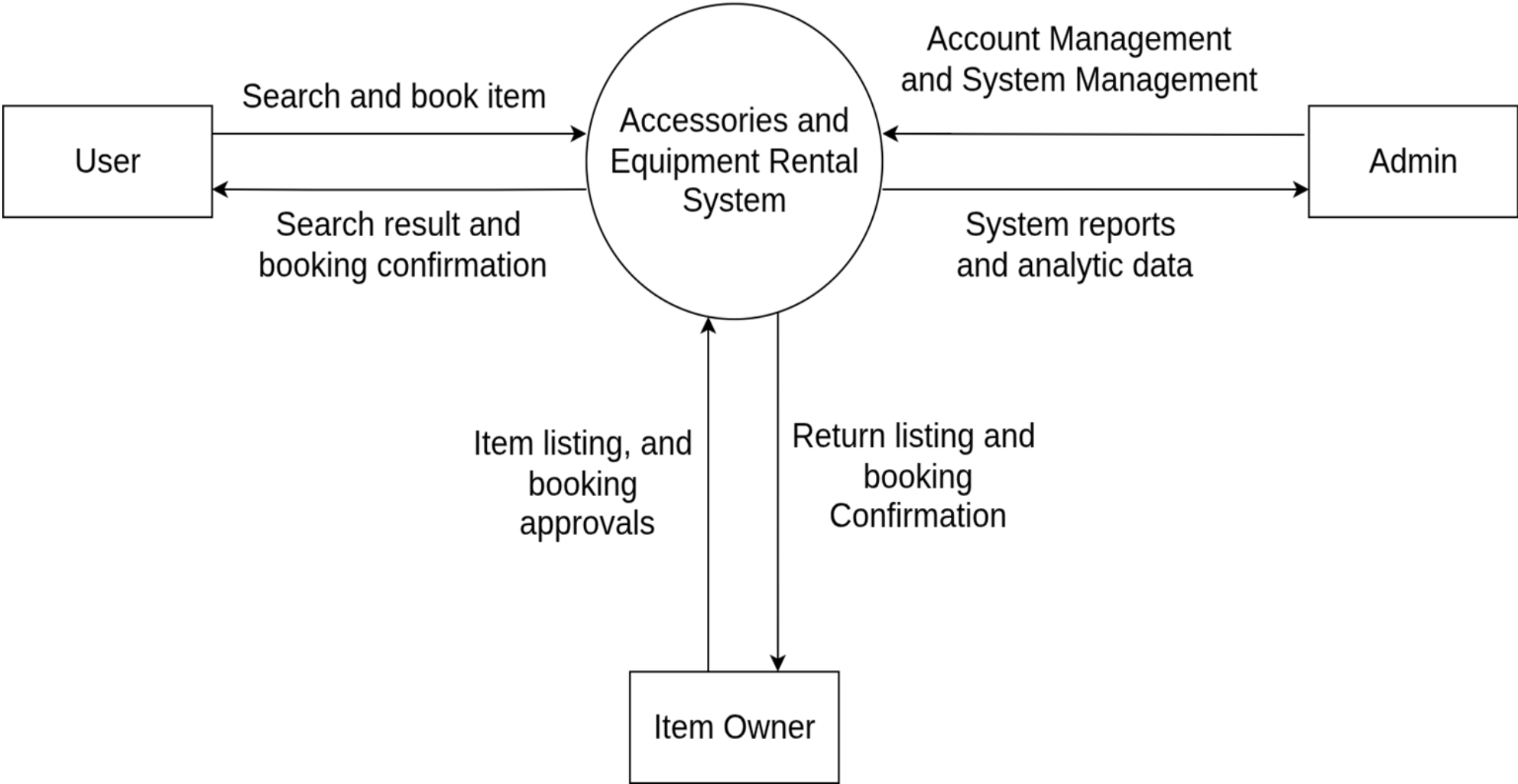


## Admin

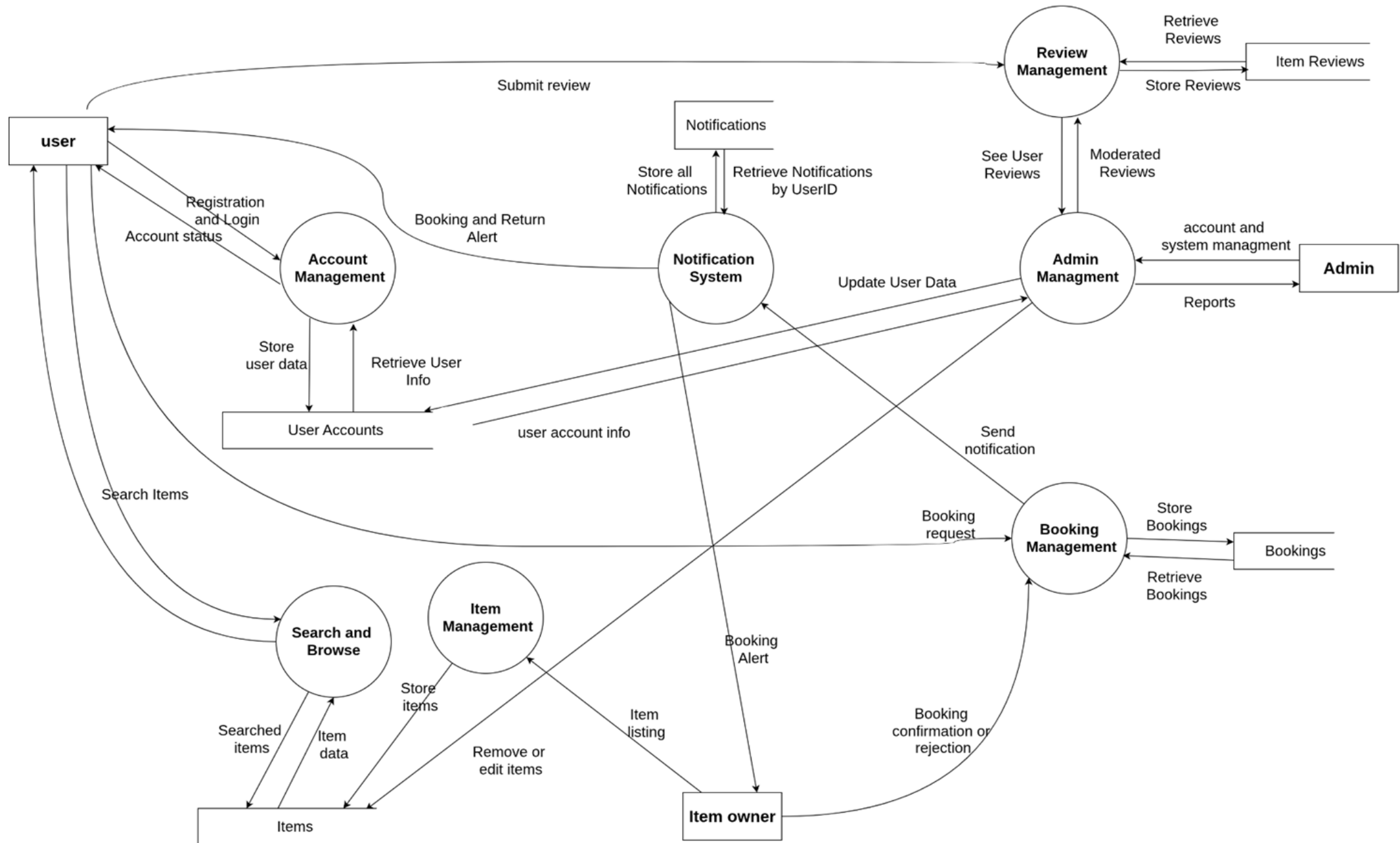


# Data Flow Diagram

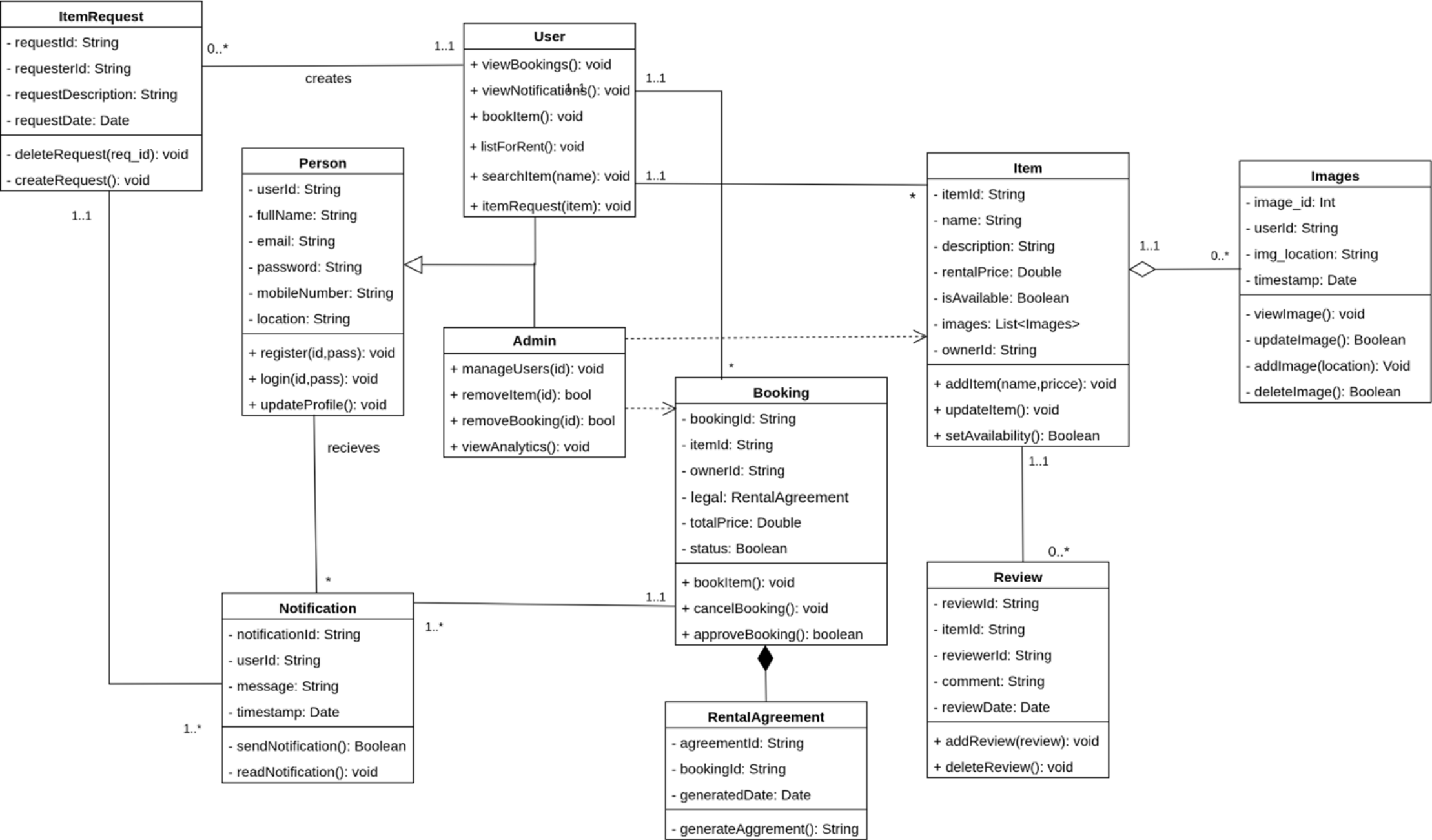
## Level 0



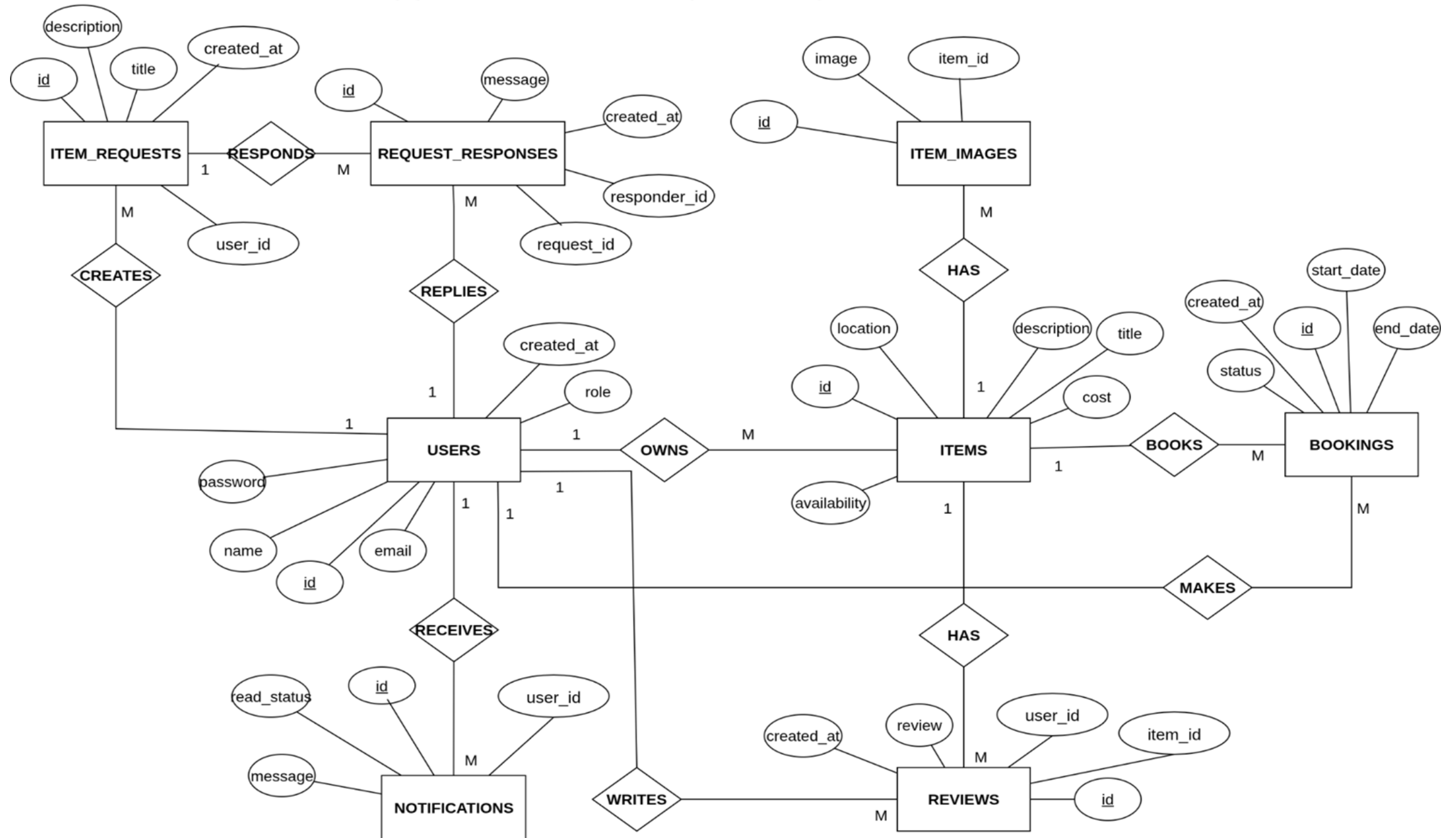
## Level 1



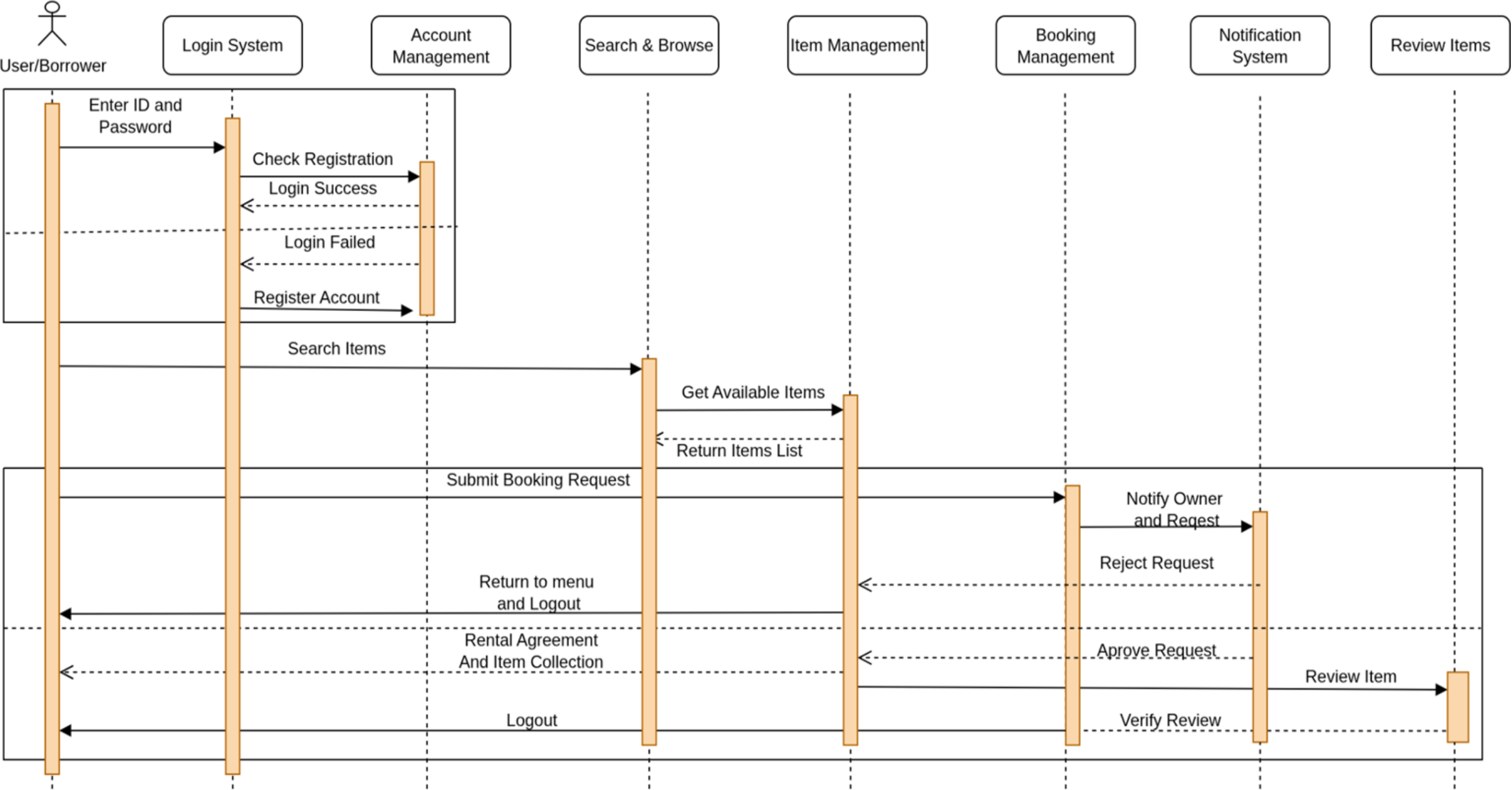
Accessories and Equipment Rental System - Class Diagram



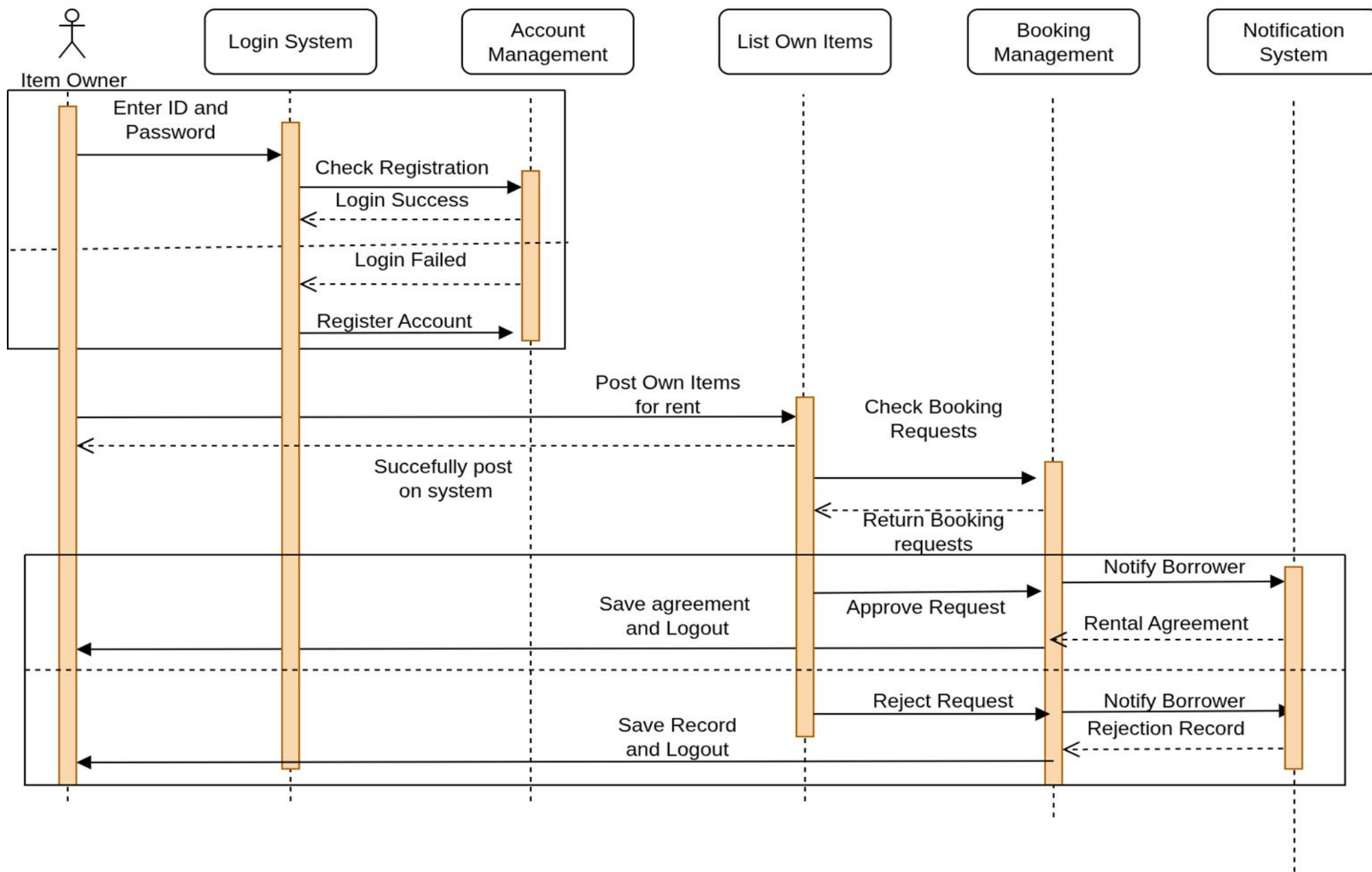
### Equipment and Accessories Rental System - ER Diagram



Sequence Diagram Of Borrower

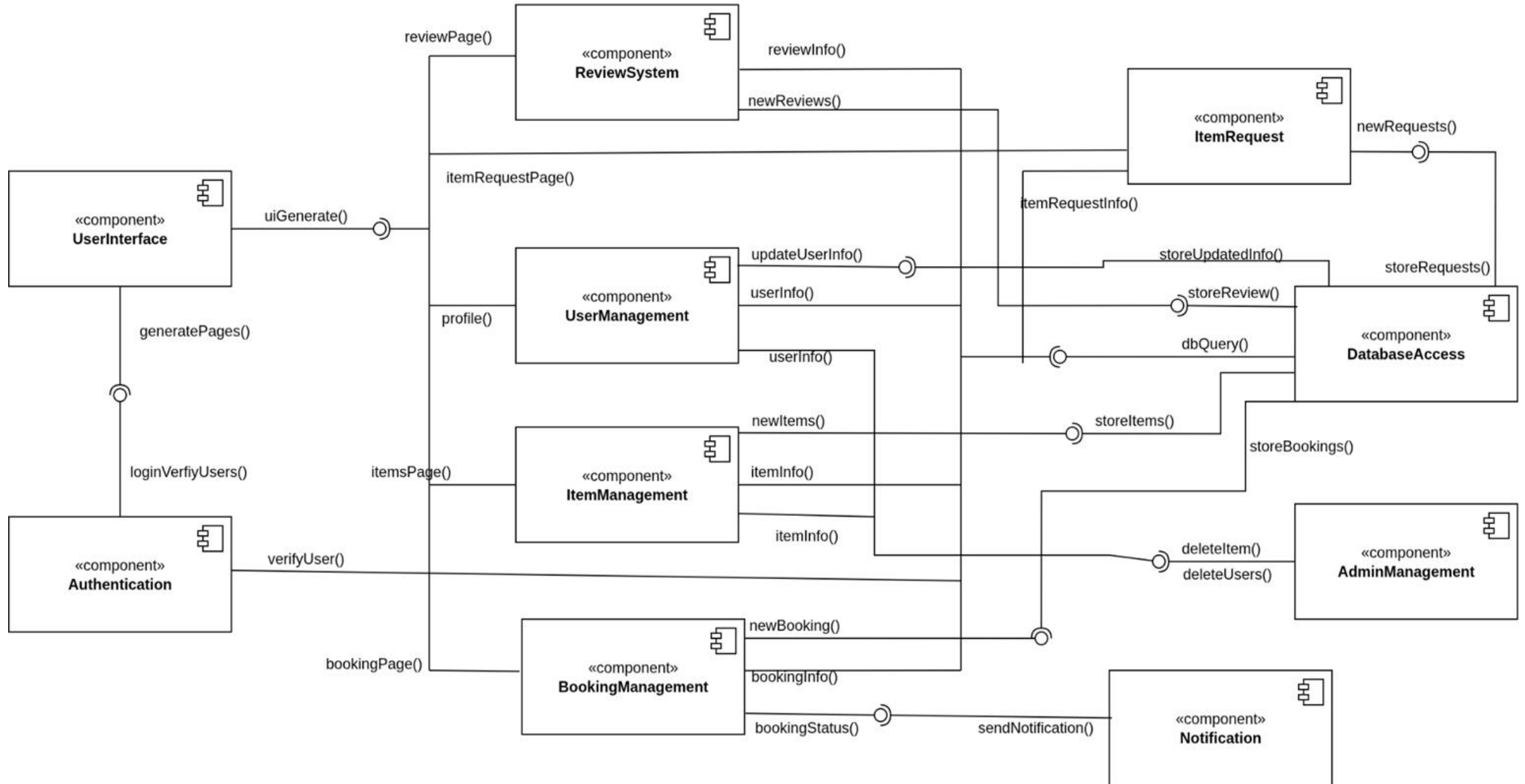


## Sequence Diagram Of Item Owner





## Accessories and Equipment Rental System - Component Diagram





# conclusion

- System makes borrowing & renting simple and organized
- Encourages resource-sharing and reduces waste
- Useful for students, communities, and organizations

**Thank You**