

PROJECT Overview

RENTING SYSTEM

GROUP MEMBERS

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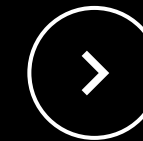


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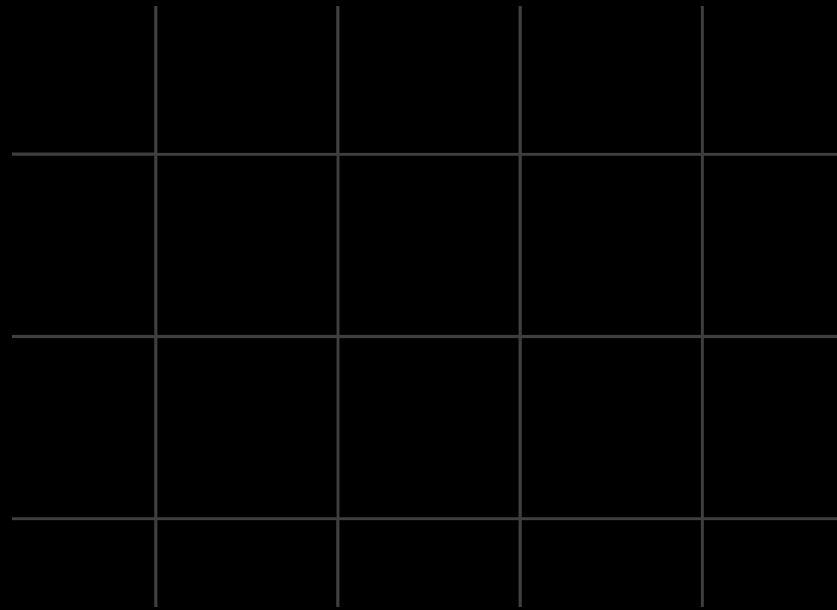
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Design a system where users can share the details of things which he/she wants to give for rent or request for the same.

PROBLEM STATEMENT

Functional Requirements

Features for Buyer

- Sort and Filter
- Show items in different category
- Show item in detail
- Rating and Review
- Request for Renter Detail
- Add to cart
- Wishlist a Product
- Payment Gateway
- Buy a Product
- View Order history
- FAQ Section
- Reminder for end of renting period

Features for Seller

- Product List
- Own Product List
- Rent a new product
- Manage Product
- Remove Product
- Check Statistics
- Manage Transactions
- Manage Customer Requests

Non Functional Requirements

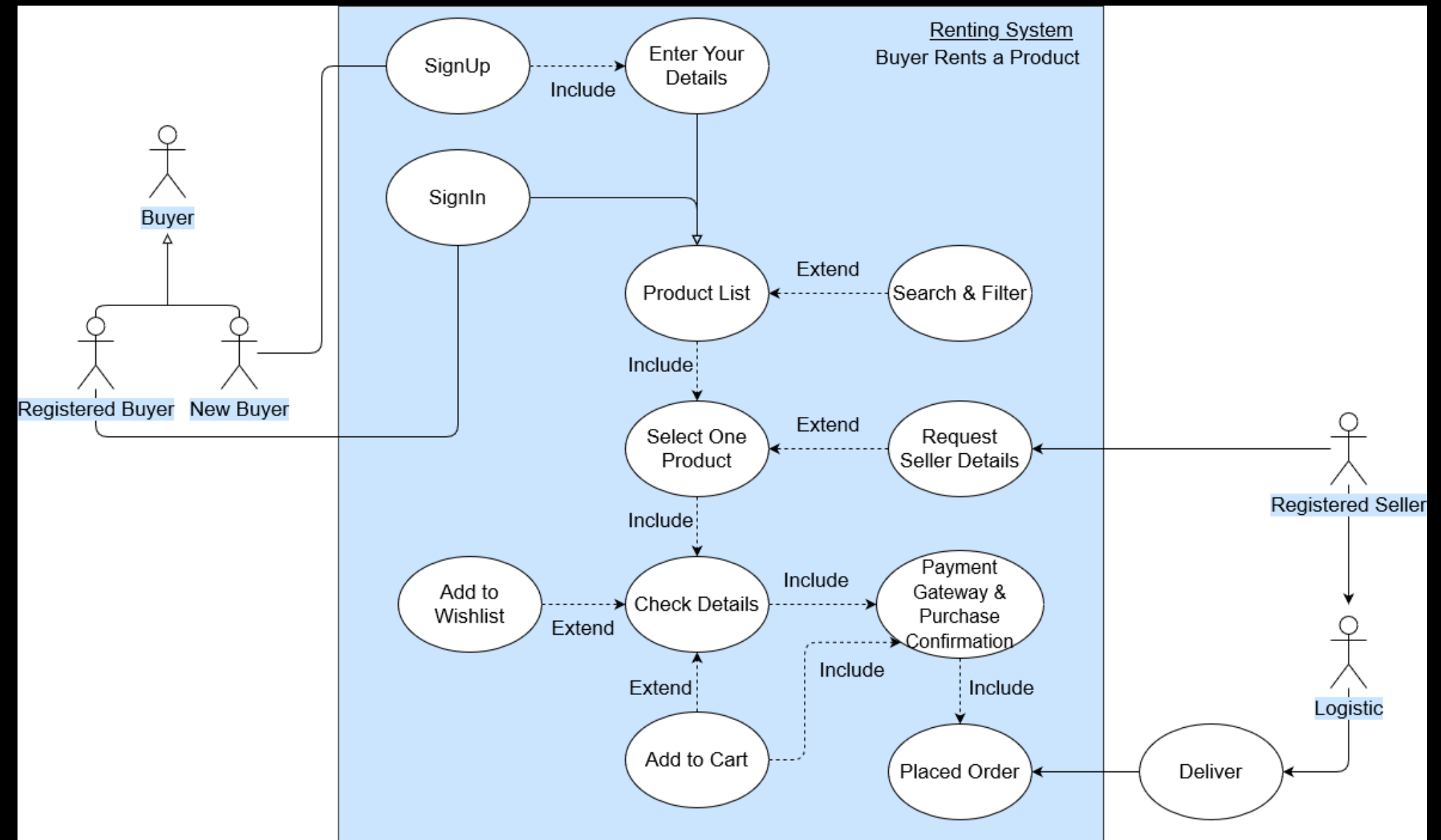
- Usability
- Performance
- Security
- Maintainability
- Availability
- Database Requirements

Elicitation Techniques

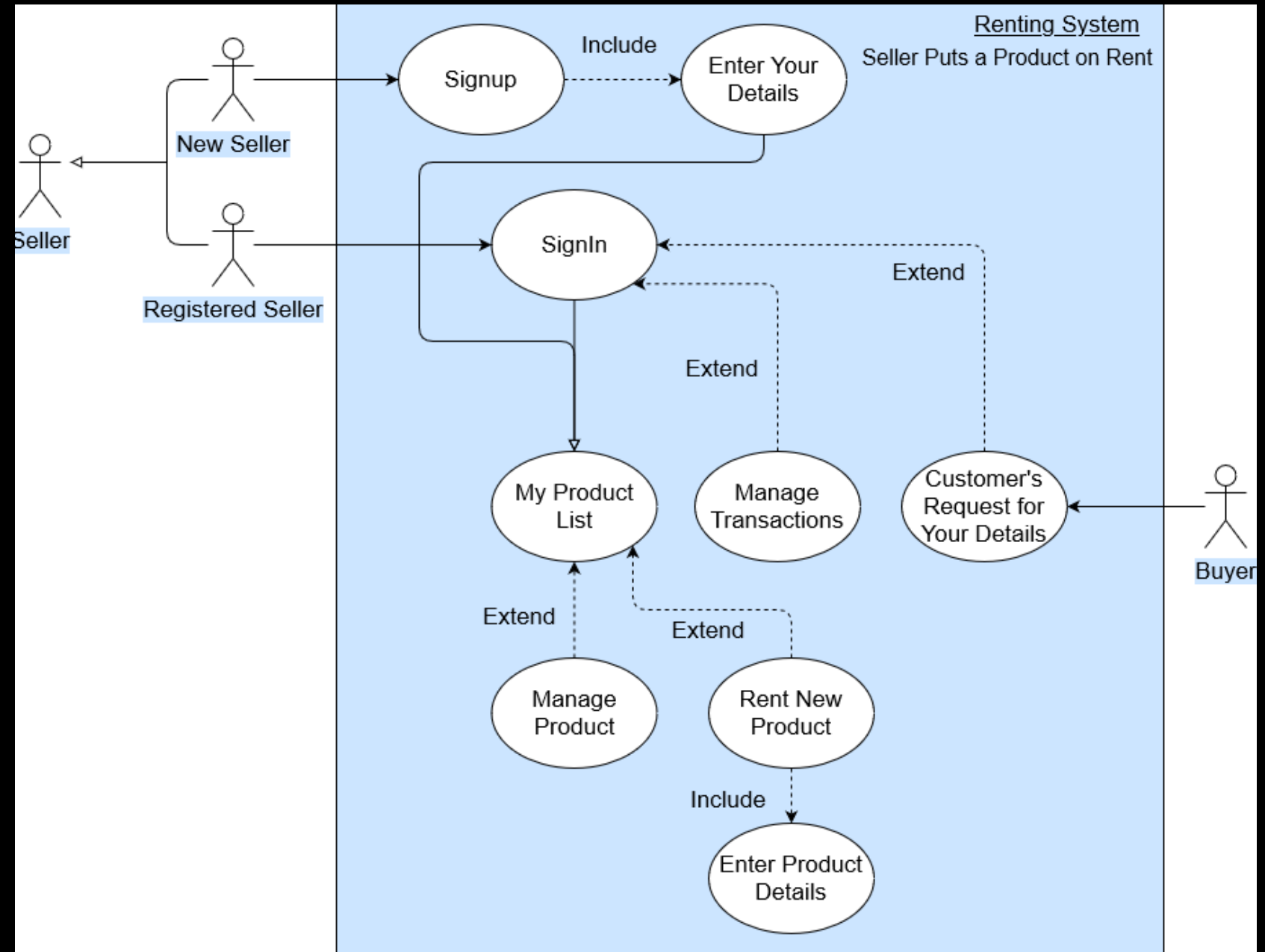
- Brainstorming
- Analysis of existing System
- Interview Method

Use Cases

Buyers Rents a Product

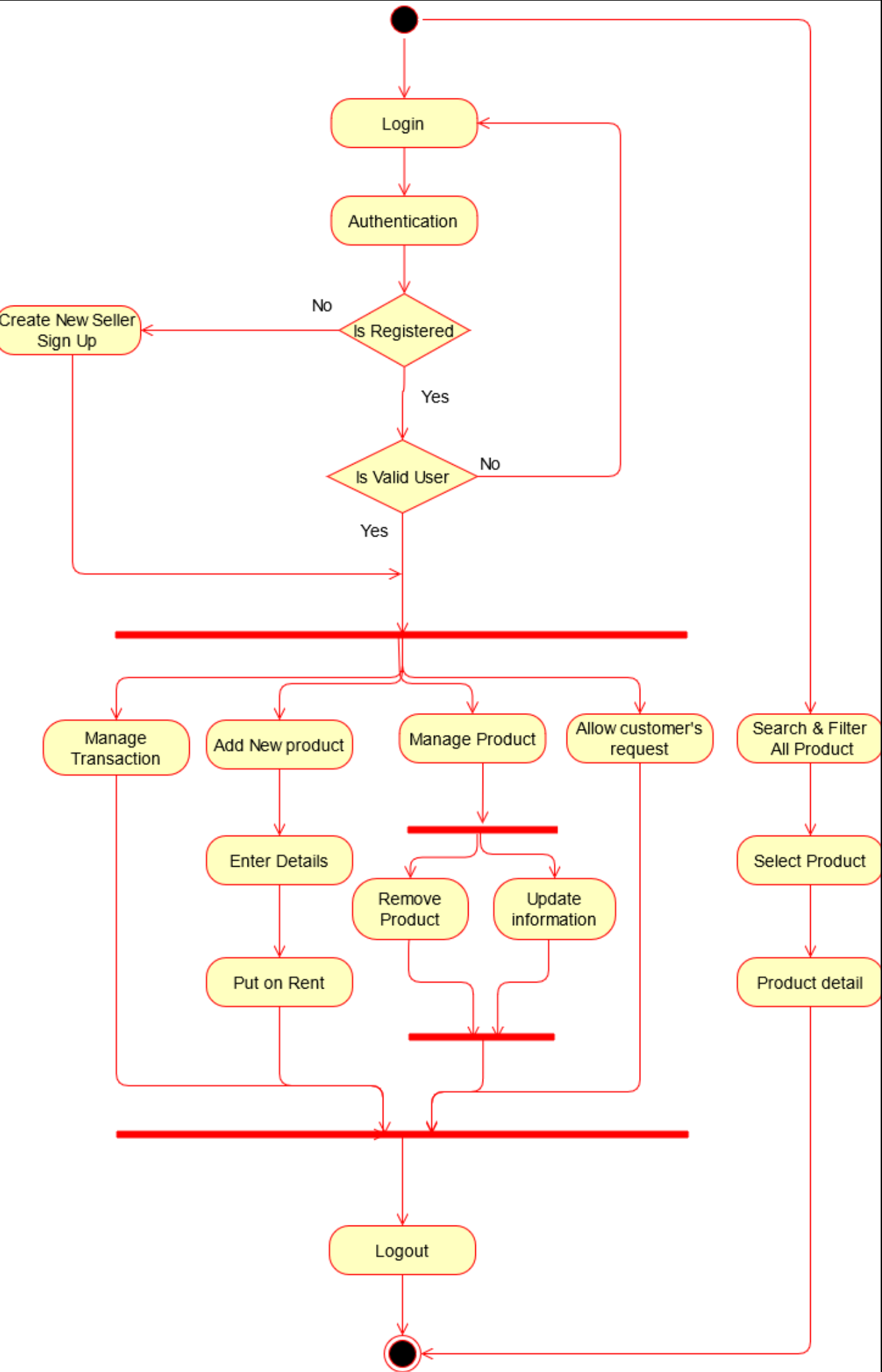


Seller Puts a product on Rent

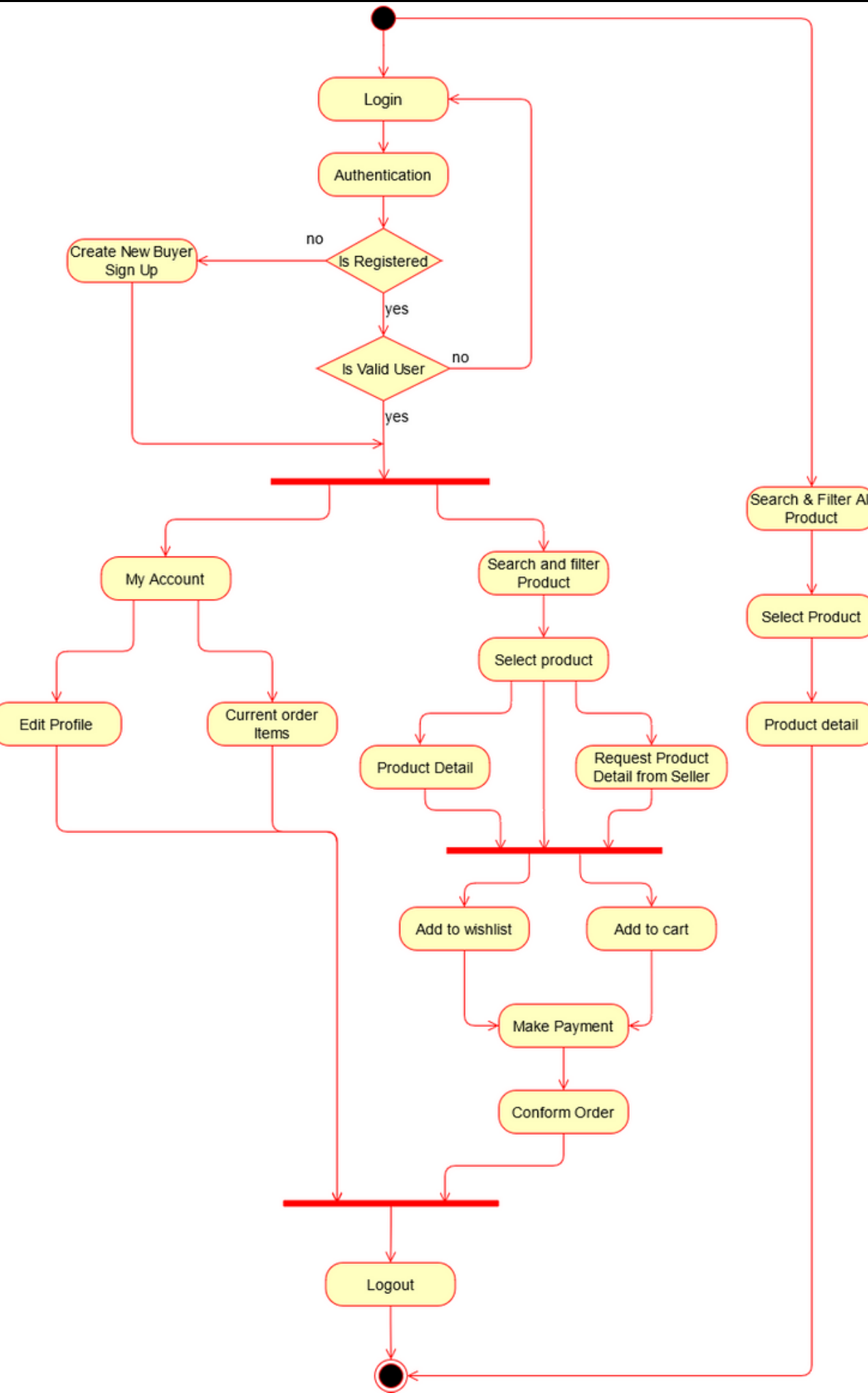


Activity Diagram

Seller Activity Diagram



Buyer Activity Diagram



Incremental Model

- Build 1
 - Seller and Buyer Login
 - Schema define
 - CRUD for Schemas
- Build 2
 - Add to Cart
 - Sort and Filter
 - Product Review
- Build 3
 - Reminder
 - Product Tracking
 - Force User Login

Github Repository

<https://github.com/RentingSystemSE/6-RentingSystem>

<https://github.com/RentingSystemSE/Renting-System-Backend>

<https://github.com/RentingSystemSE/Renting-System-Frontend>