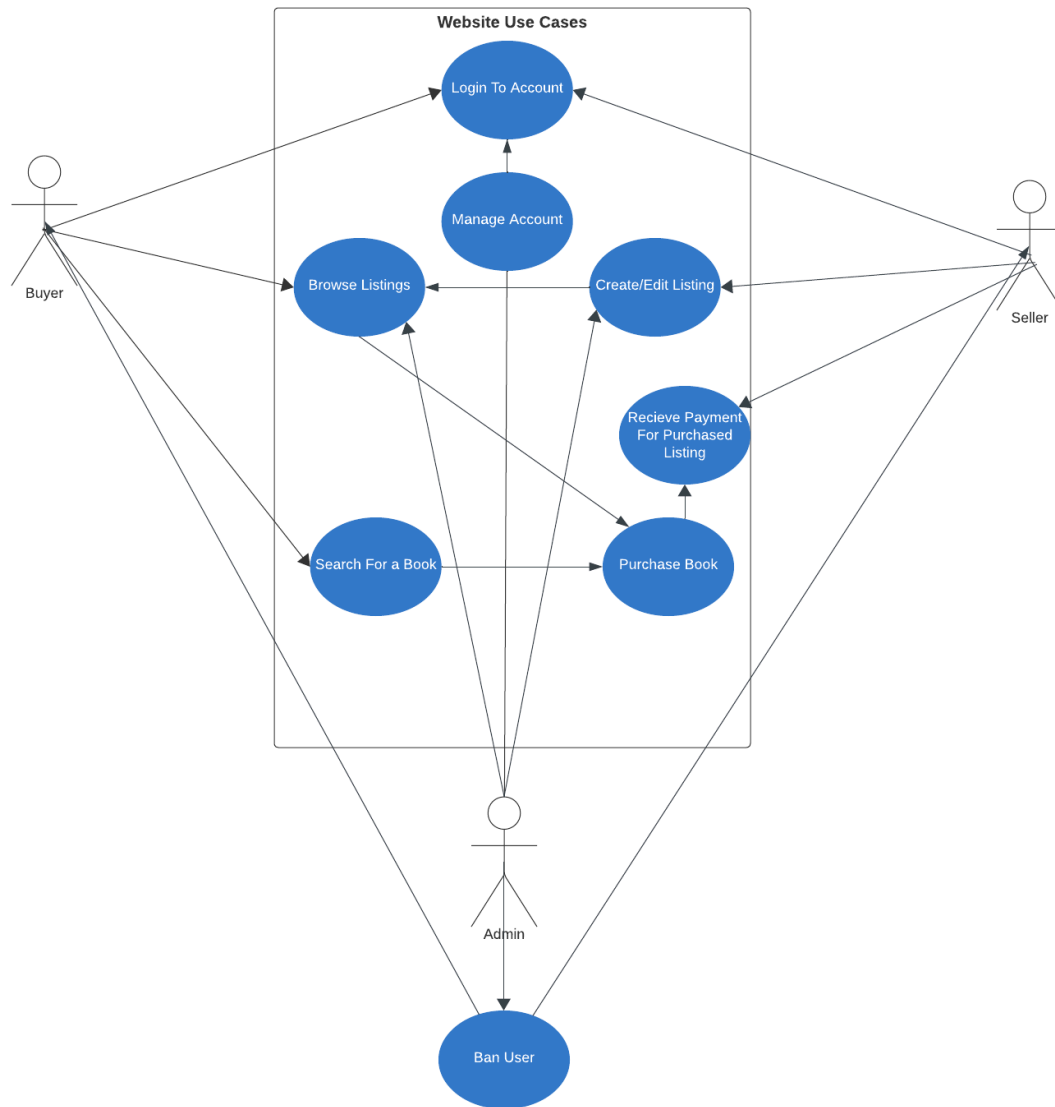
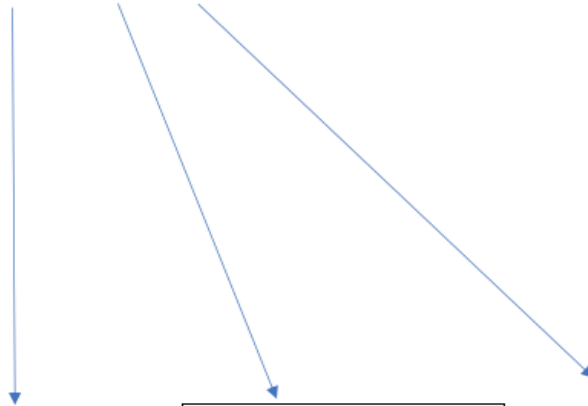


Scenario Based Diagrams



User
<ul style="list-style-type: none"> -Can sign up for a new account and enter user information -Can log in after account creation to be routed to their respective page

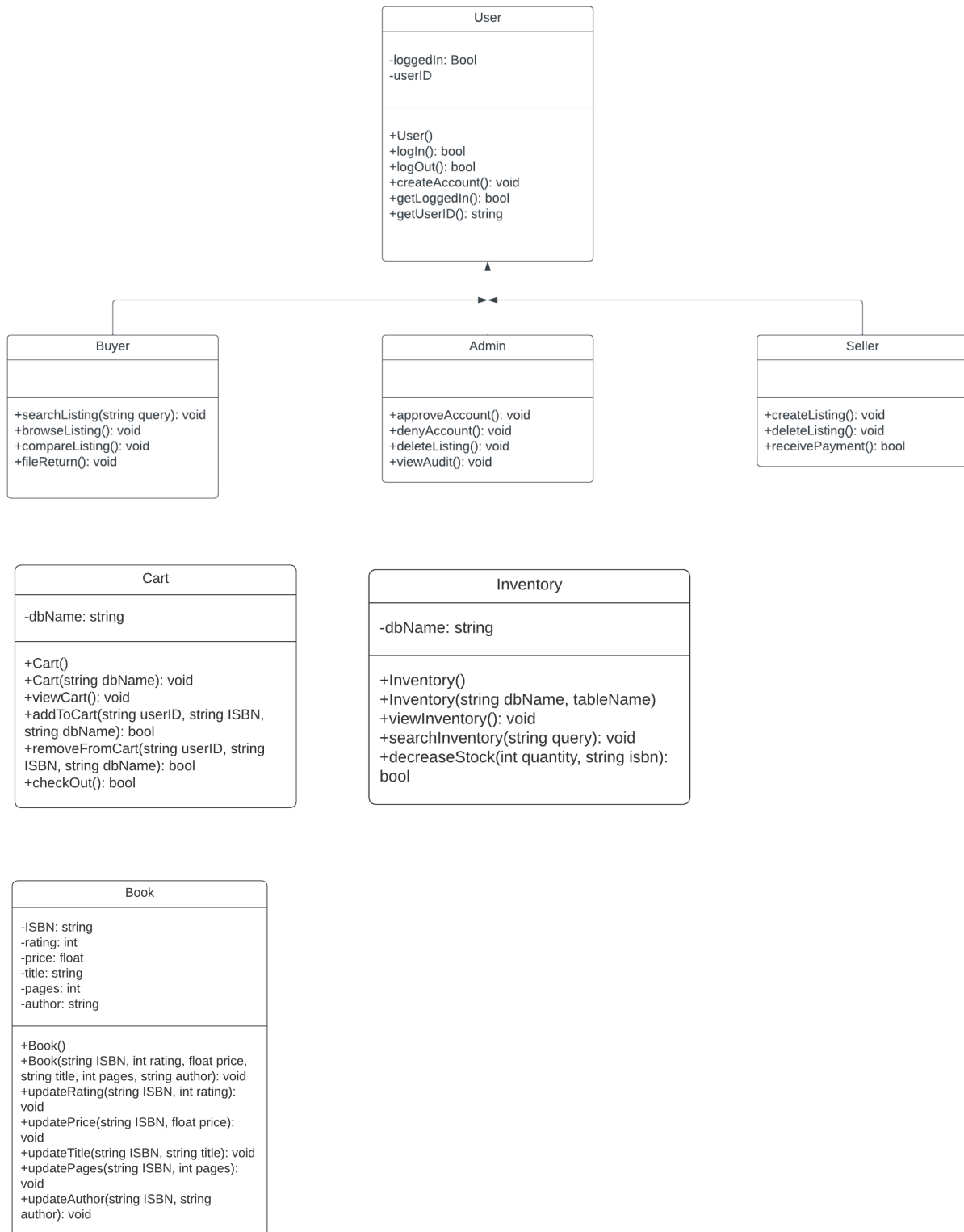


Buyer
<ul style="list-style-type: none"> - Can use the search functionality to find a specific title or author, and the search results provide relevant and easily accessible information, including book details, prices, and ratings. -Can browse all book listings on the site -upon finding a book one wants to purchase, they can add it to their cart with a single click -the cart summary is dynamically updated to reflect the added items and allows one to review and adjust their selection at any time

Seller
<ul style="list-style-type: none"> -Can access the seller dashboard where one can easily create new book listings - can access the listing creation process which includes fields for book details, pricing, condition, and images to showcase the book effectively - can access the dashboard to view, edit, and remove listings one has created -can access the listing creation process which includes fields for book details, pricing, condition, and images to showcase the book effectively -when a Buyer places an order for one or more of someone's listed books, they receive a real-time notification -Scamazon securely handles the payment process, ensuring that Sellers receive their earnings promptly after a successful sale

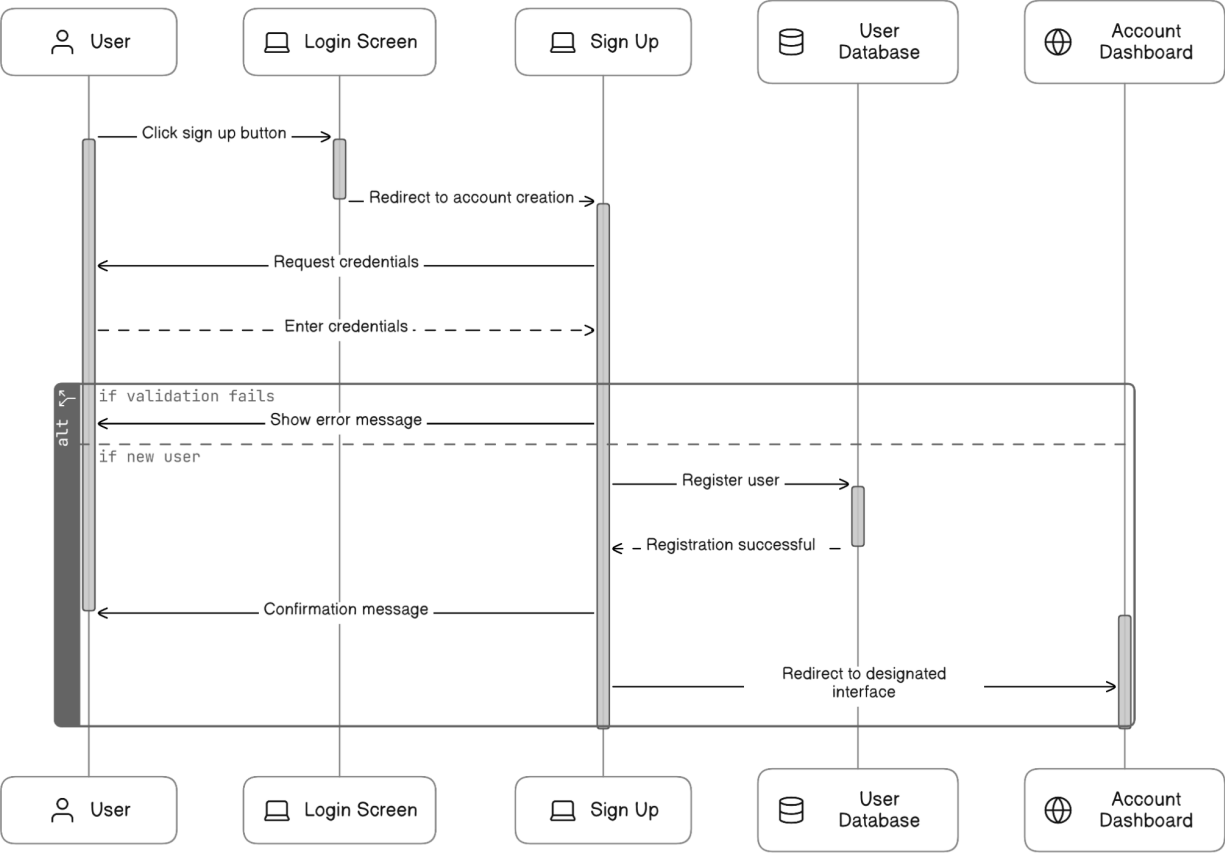
Admin
<ul style="list-style-type: none"> -Can view all Scamazon users and book listings -Can adjust user roles and information, along with being able to ban users from the site -Can remove displayed book listings from the site if deemed to violate the Terms of Service

Class Based Diagrams

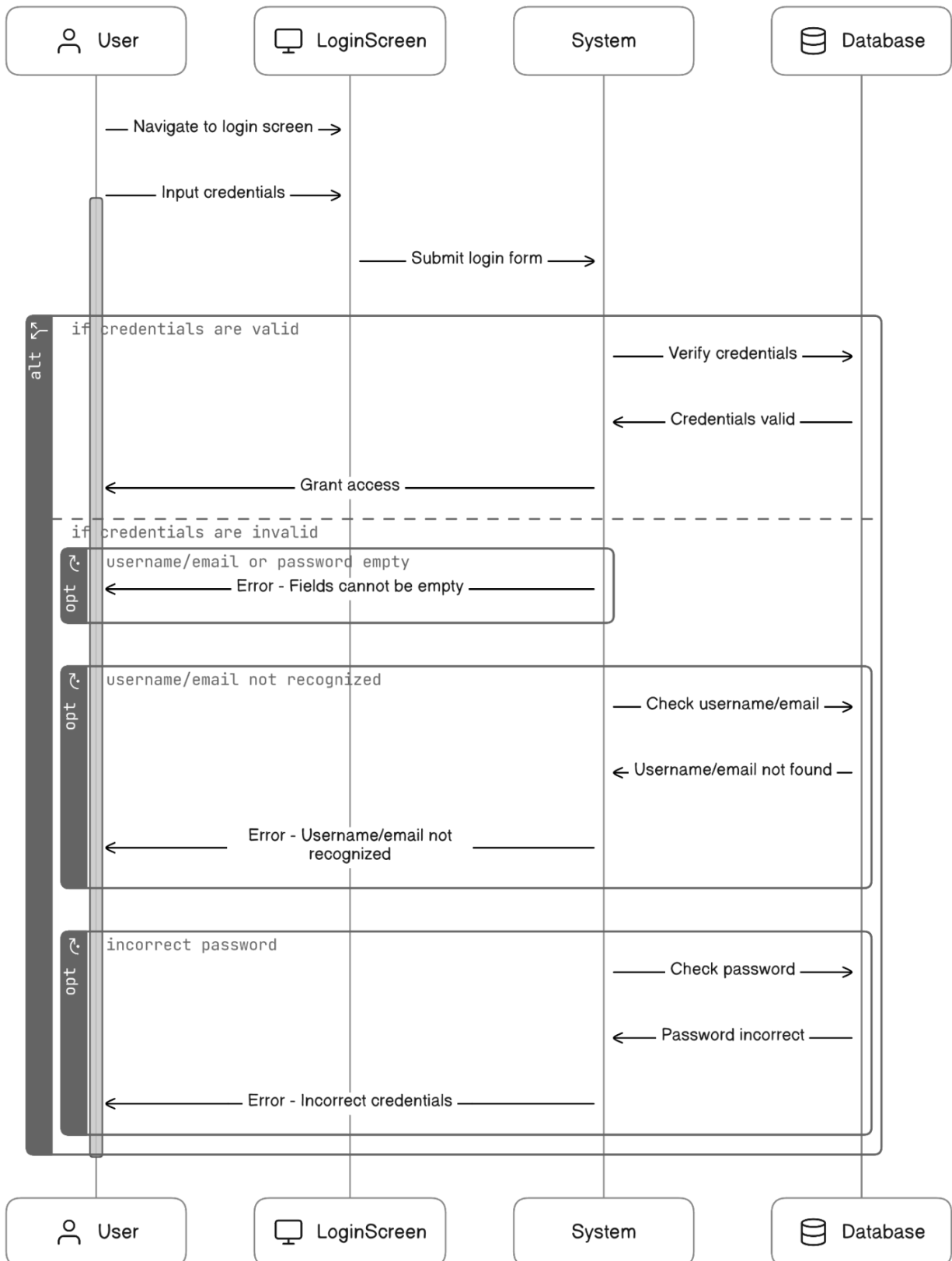


Function Modeling Diagrams

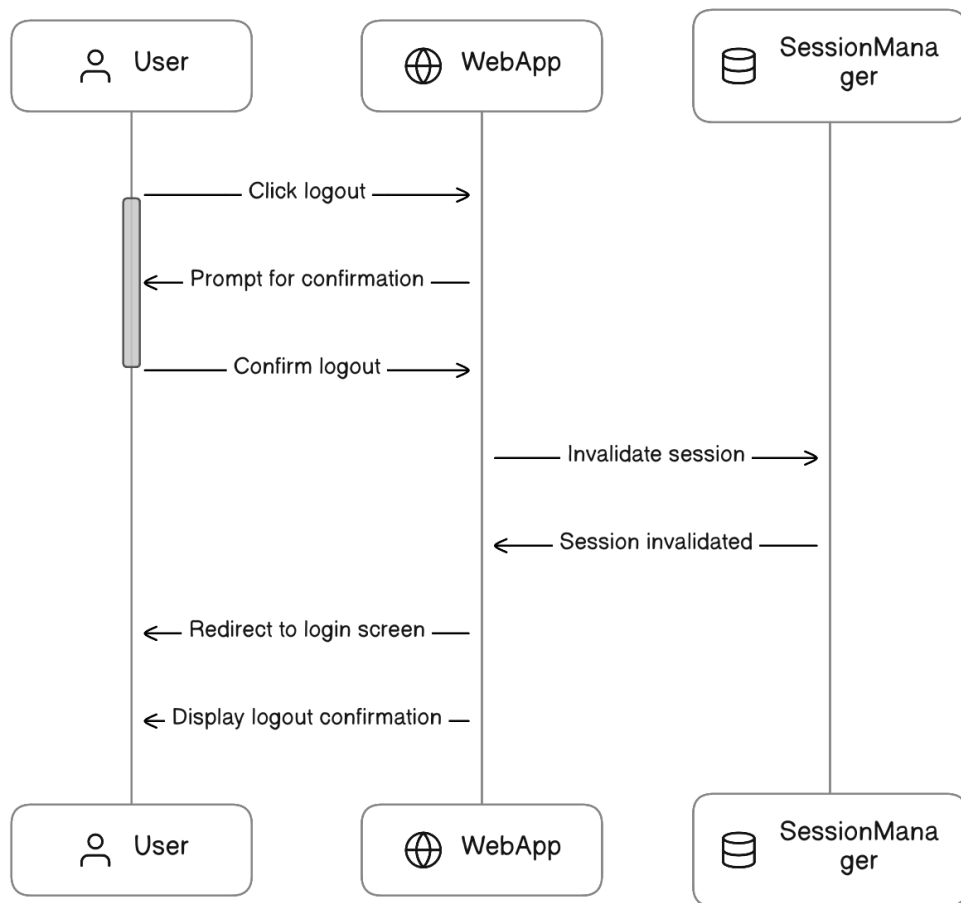
Account Creation Process



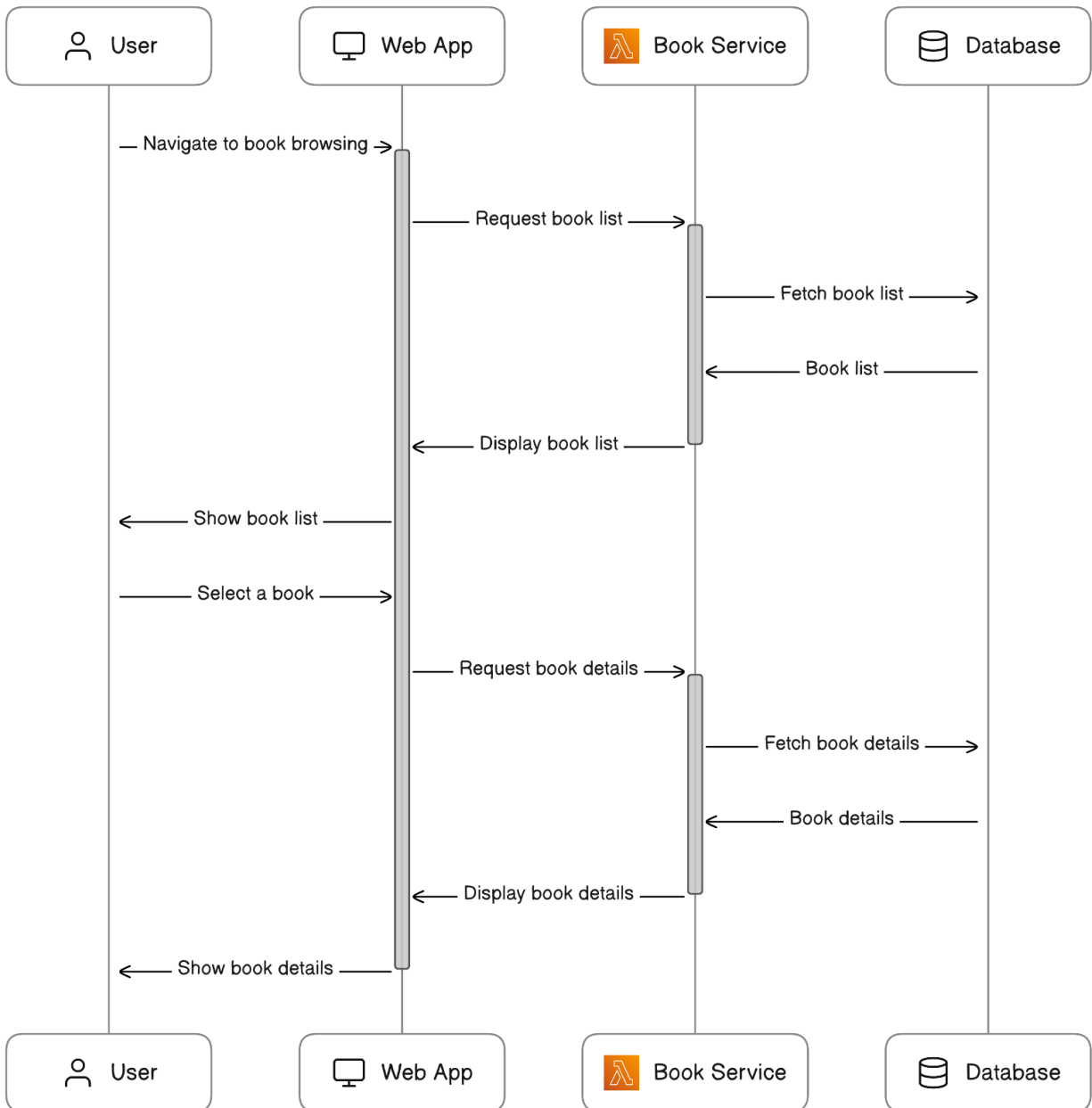
User Login Process



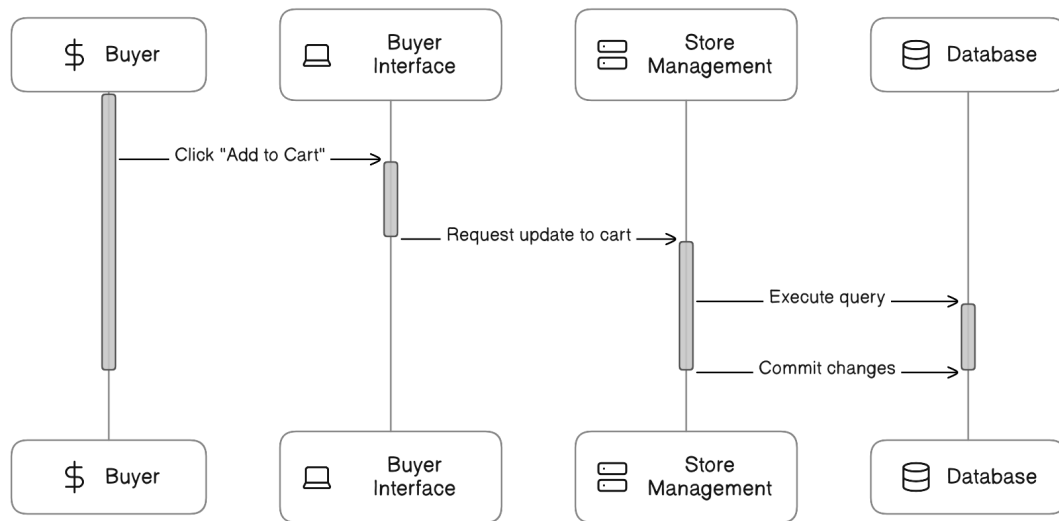
Logout Process



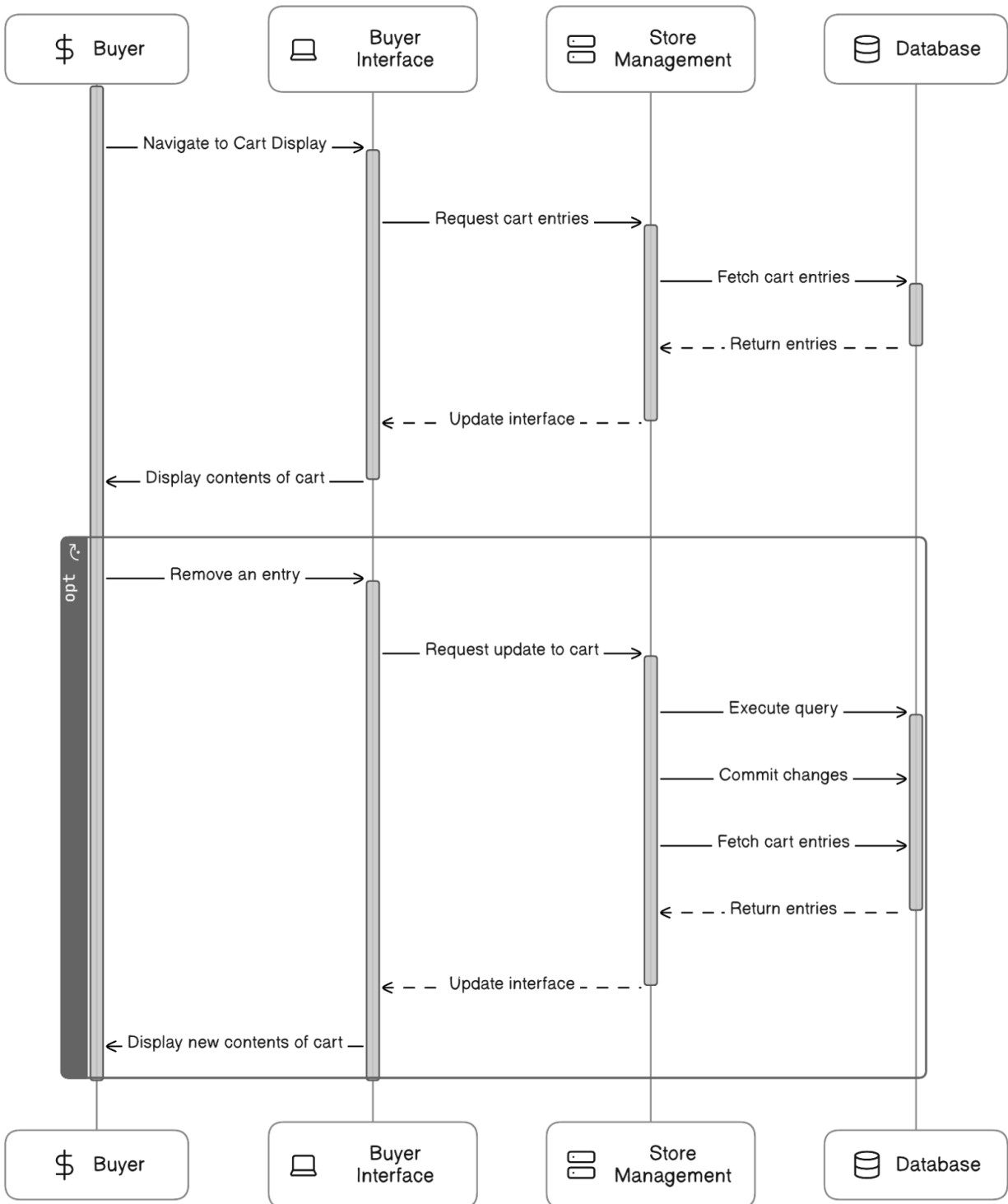
Book Browsing Flow



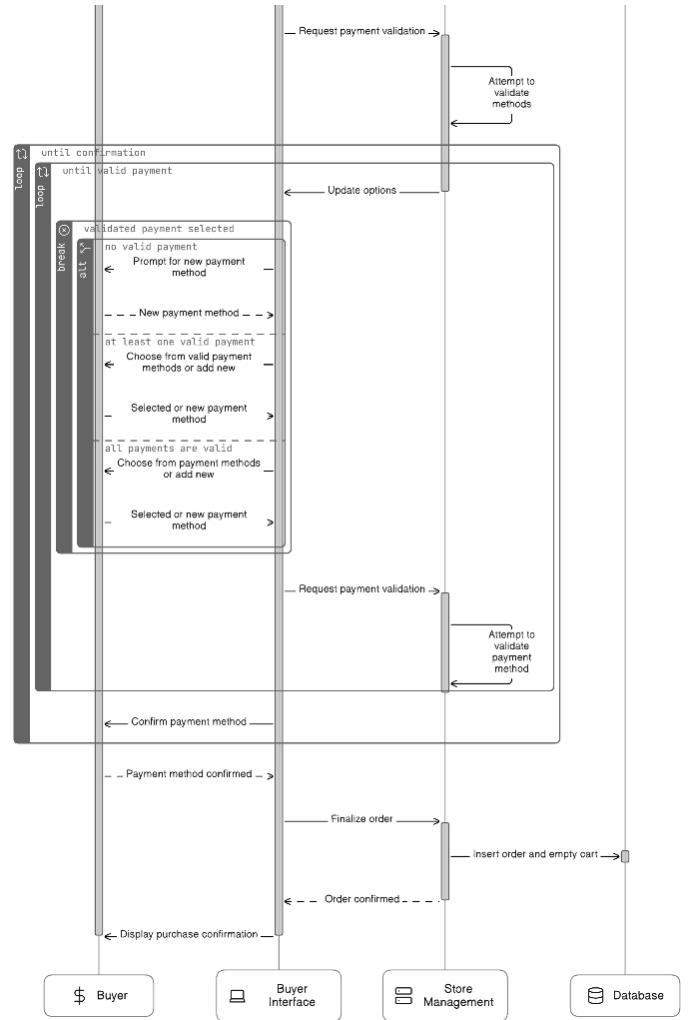
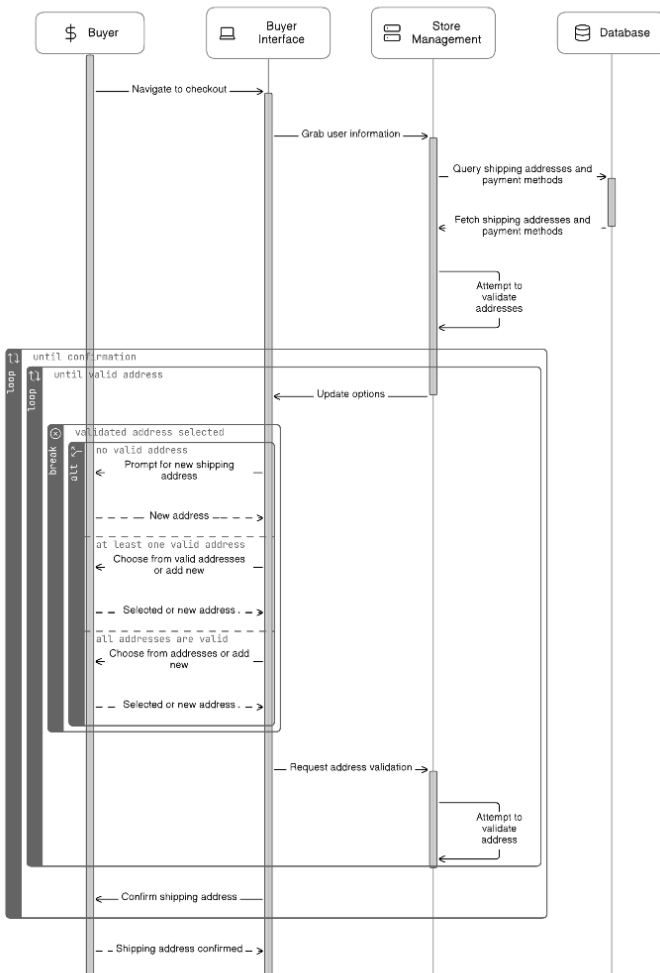
Add to Cart Process



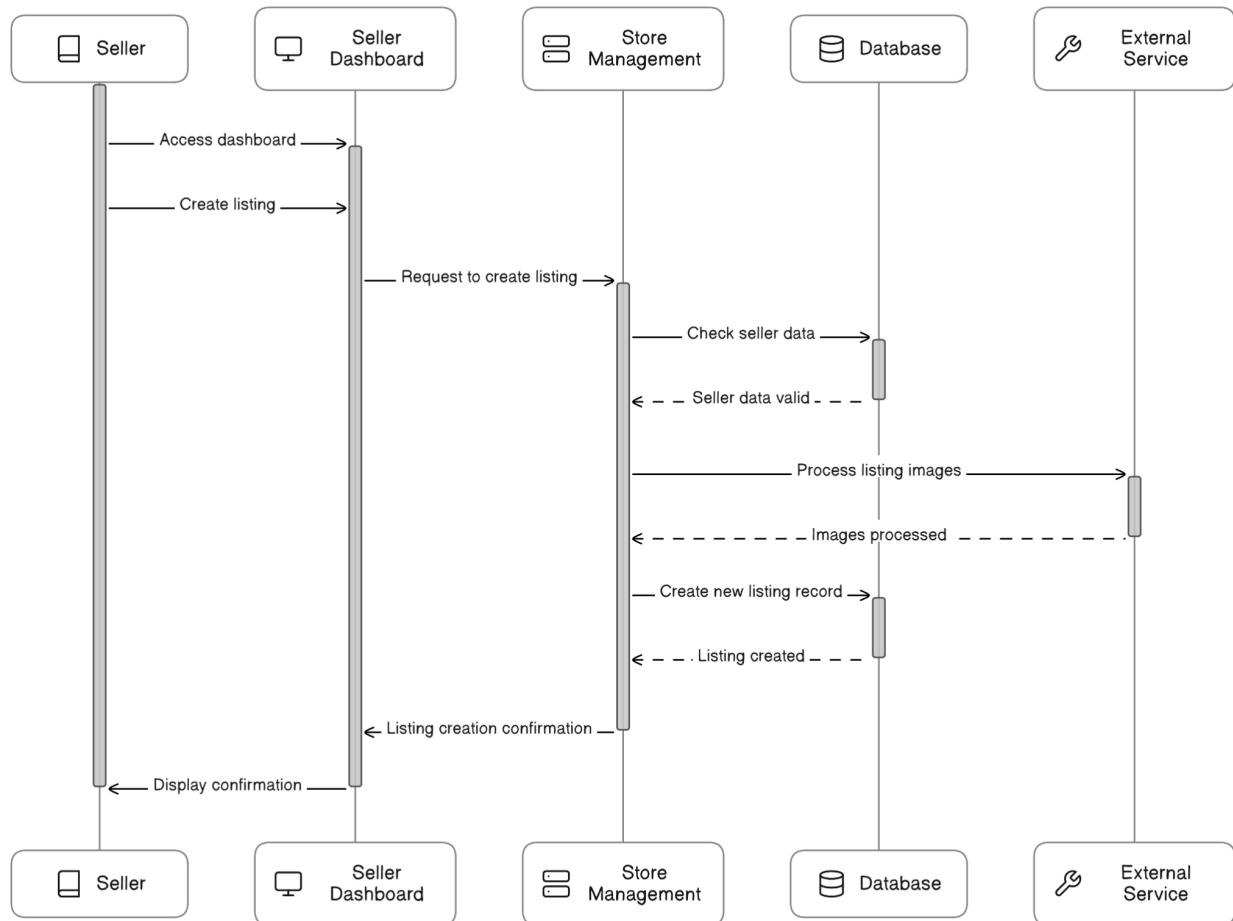
View Cart Process



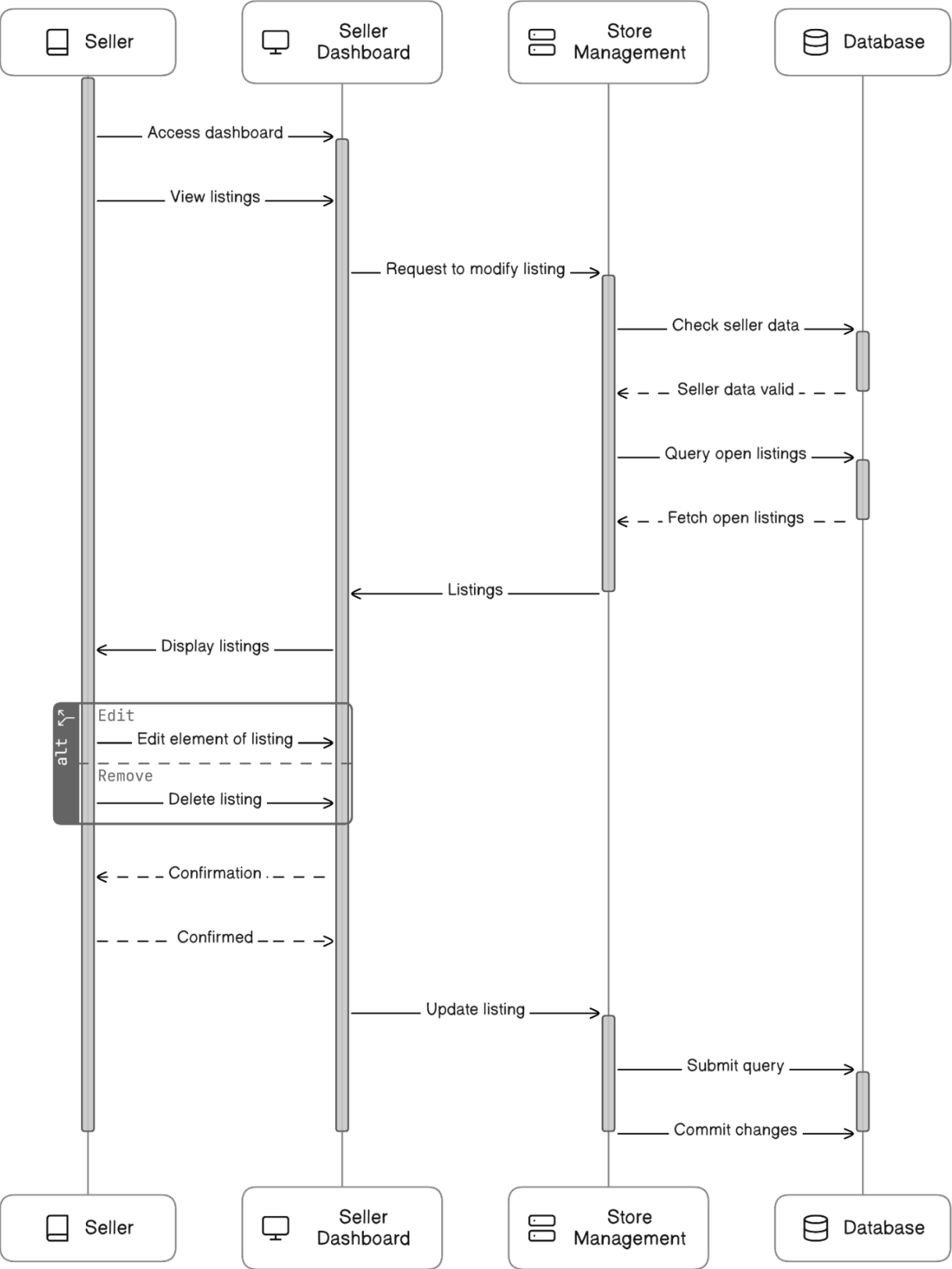
Checkout Process



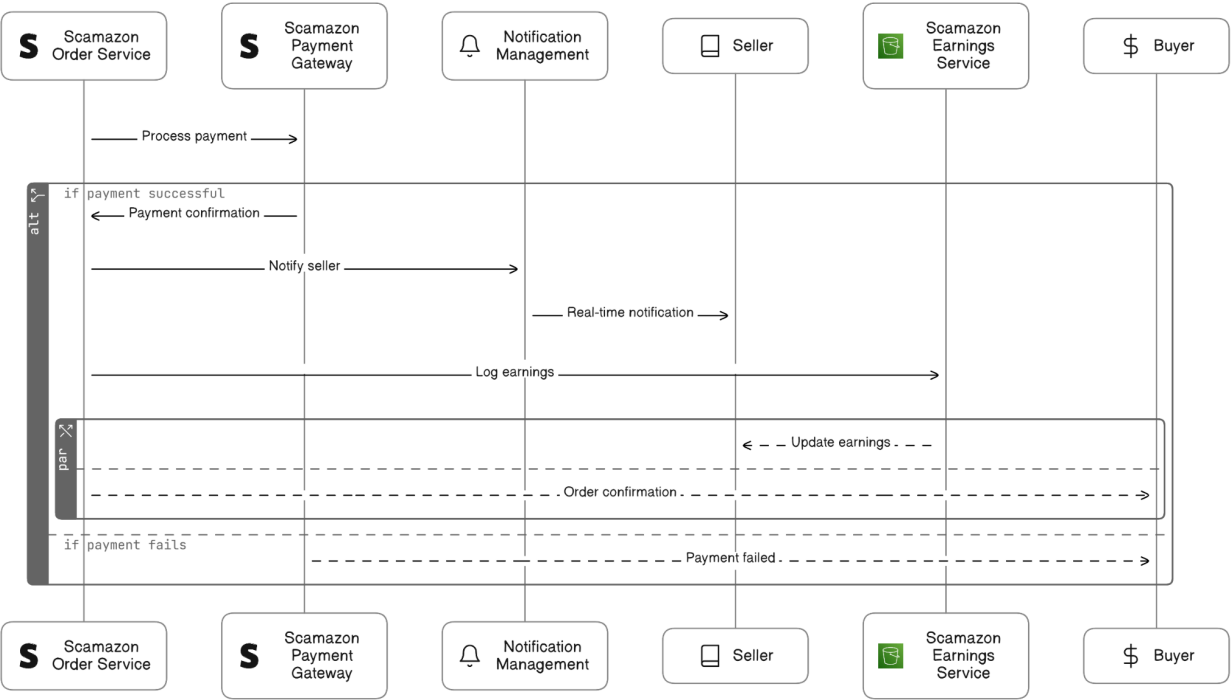
Listing Creation Process



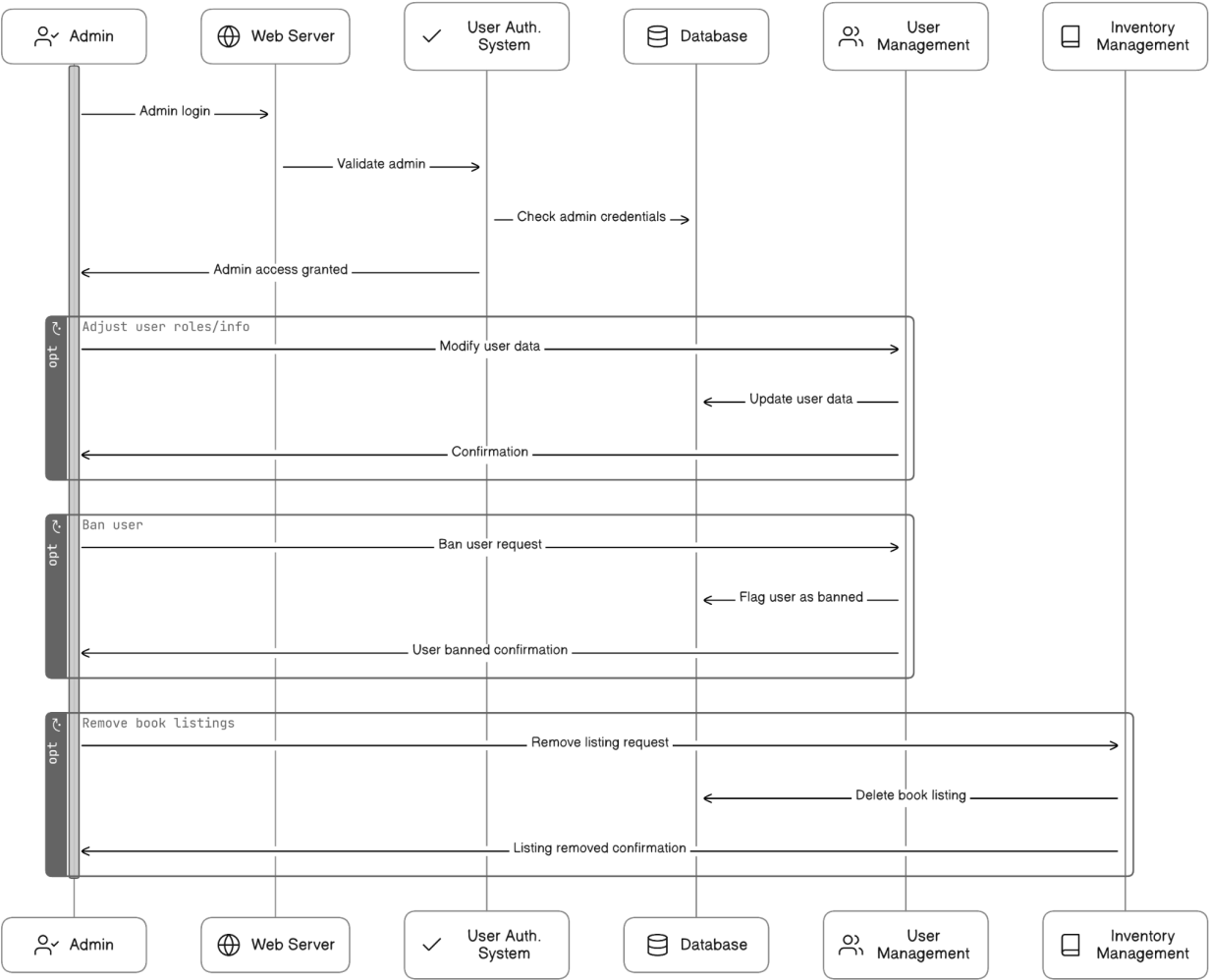
Listing Modification Process



Real Time Order and Payment Process

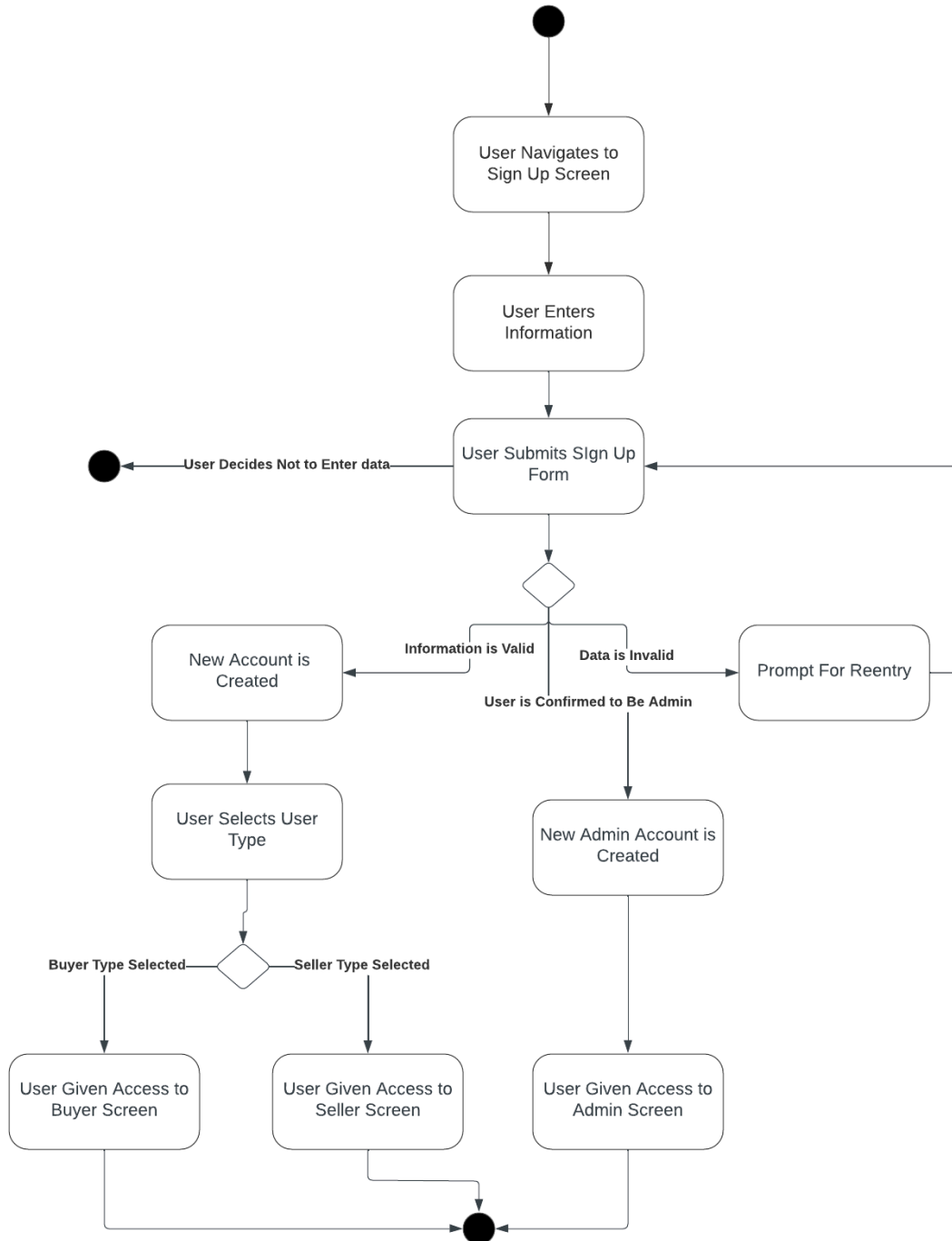


Admin System Interactions

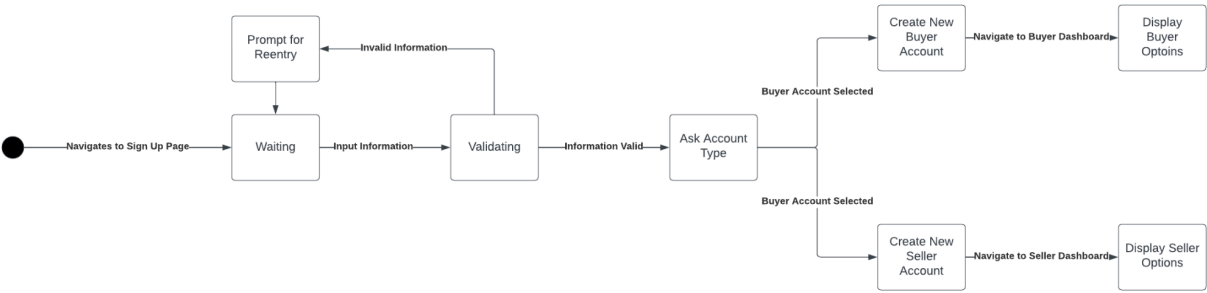


Behavioral Modeling Diagrams

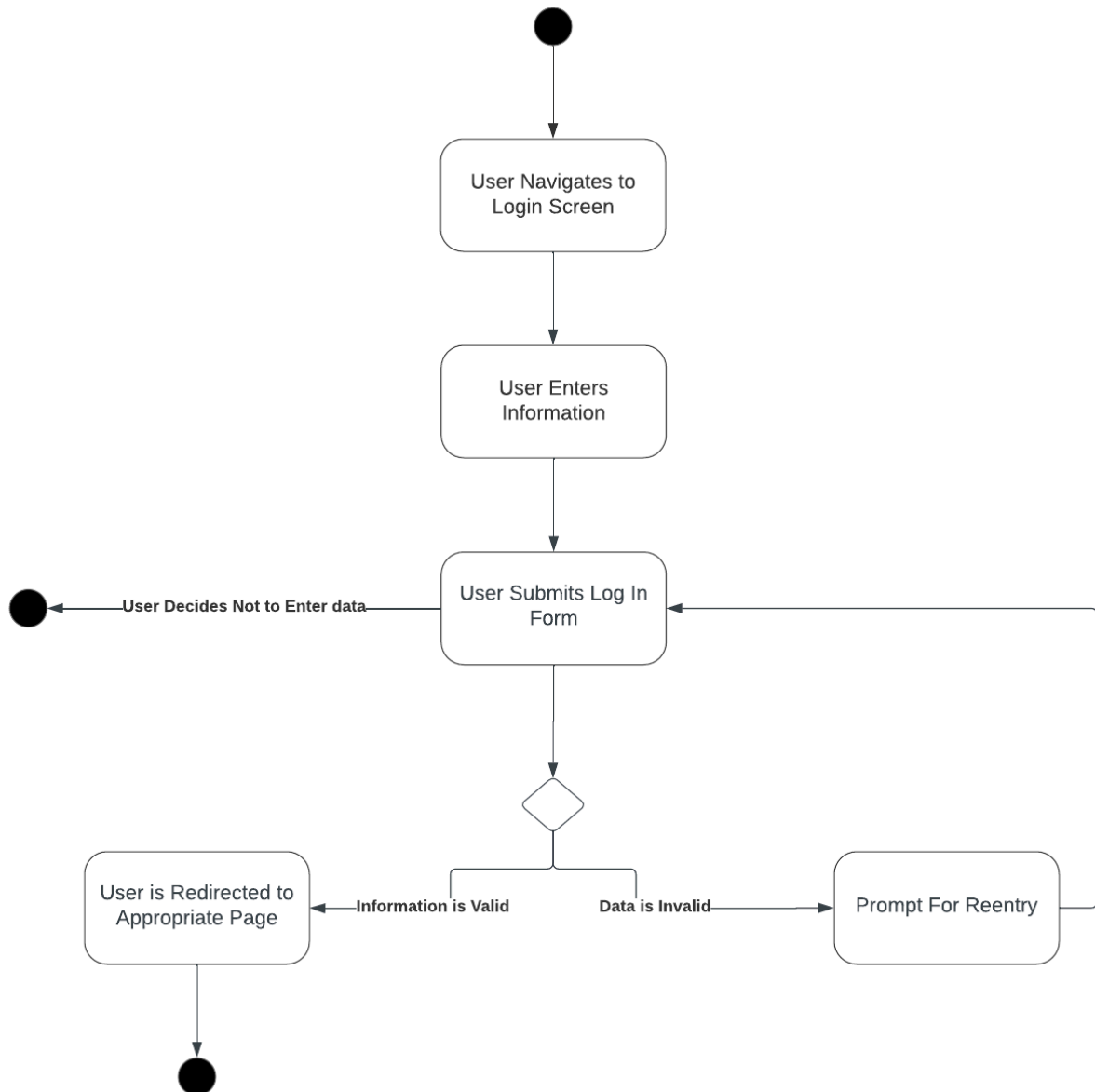
Sign Up Activity Diagram



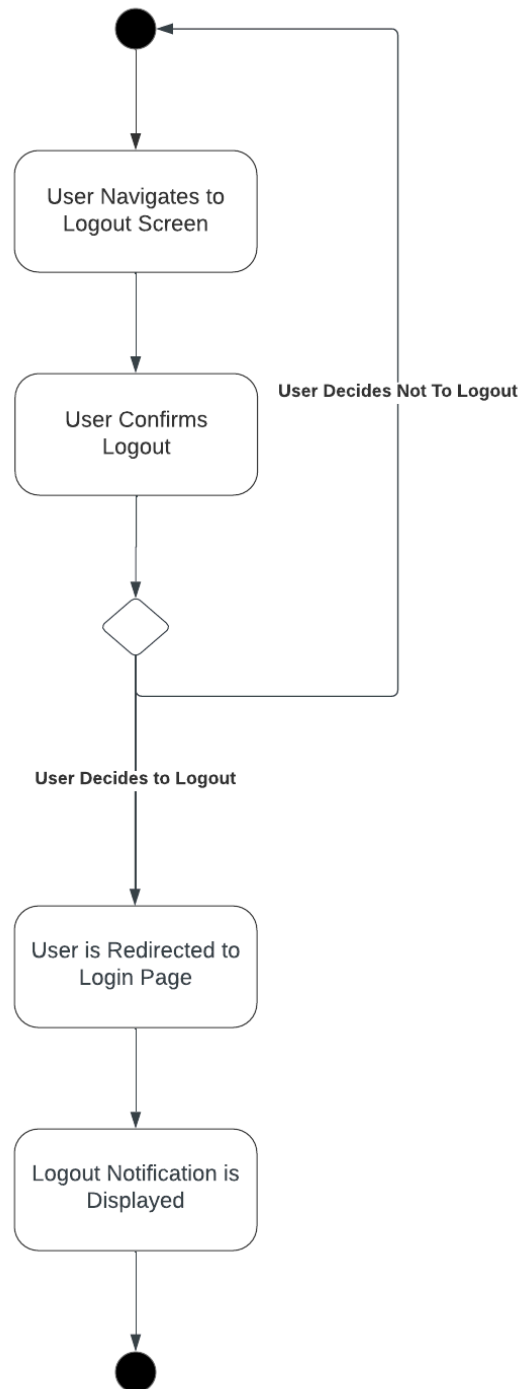
Sign Up State Diagram



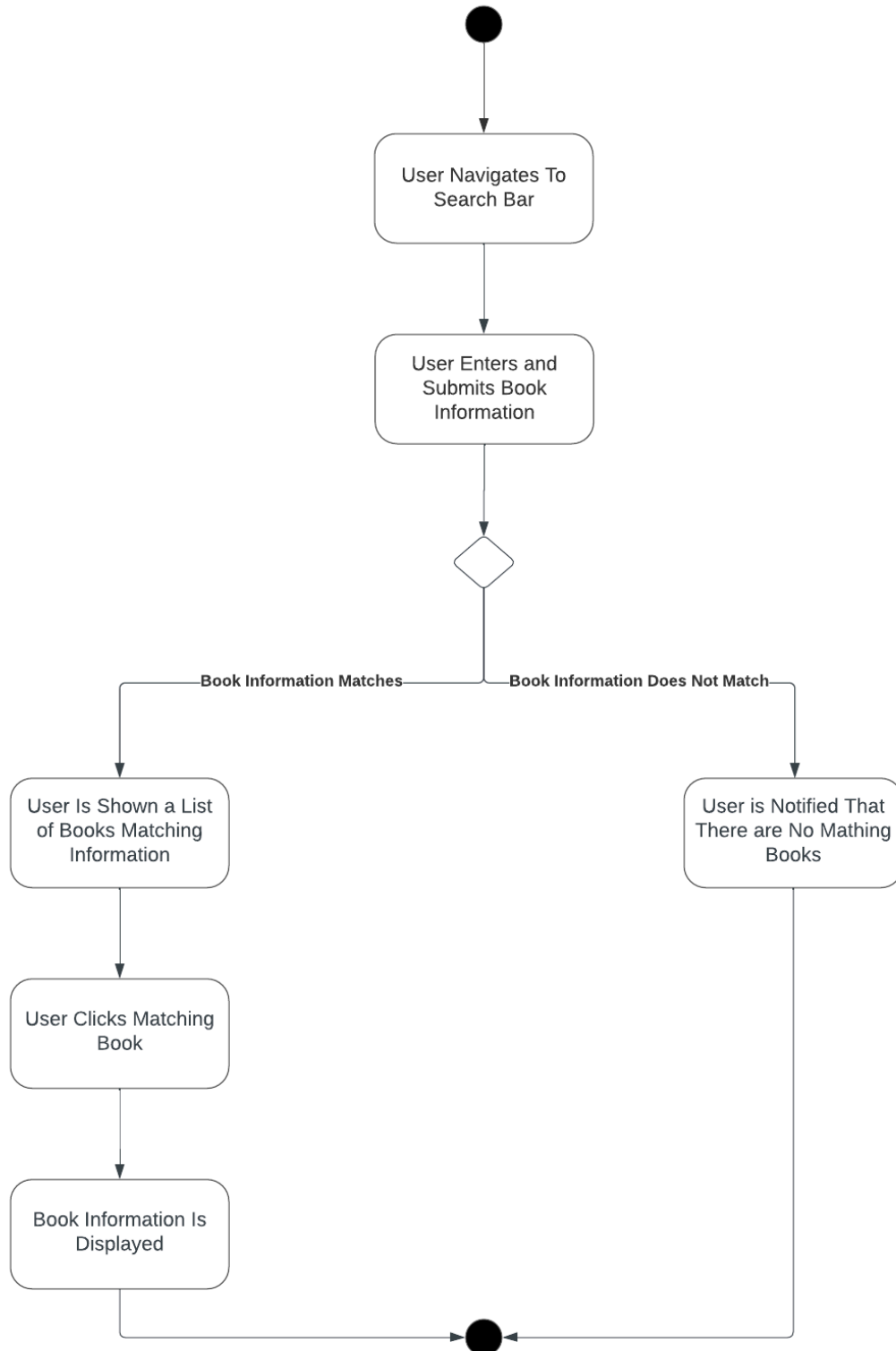
Login Activity Diagram



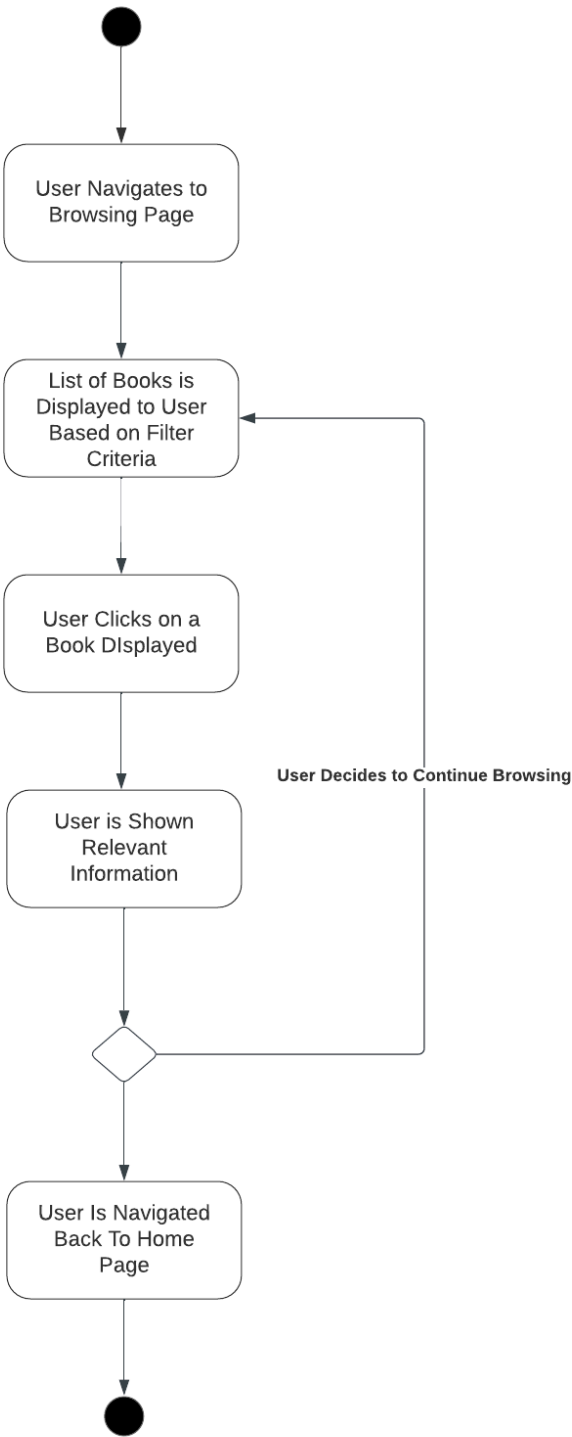
Logout Activity Diagram



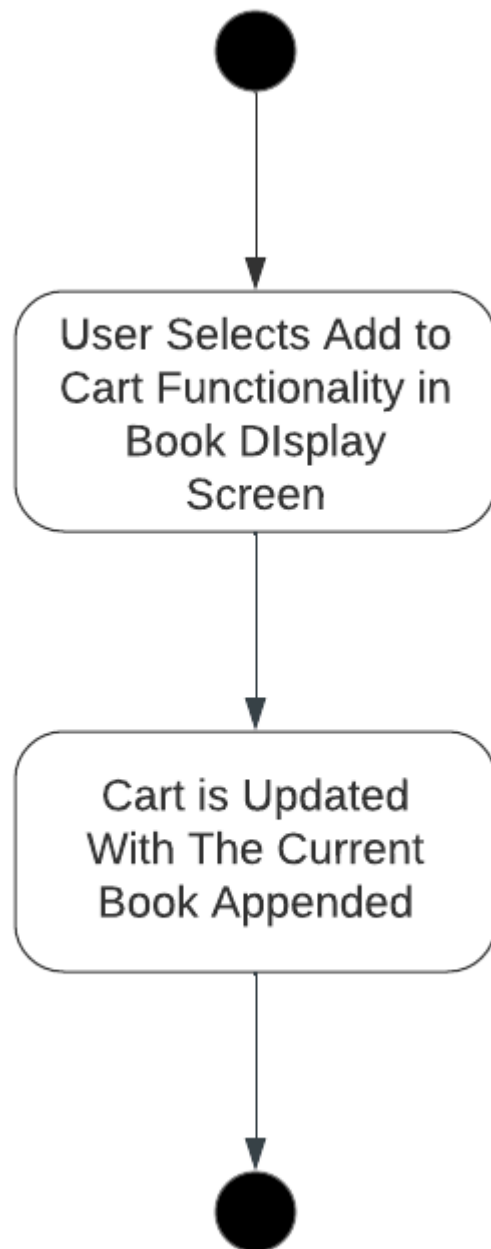
Book Search Activity Diagram



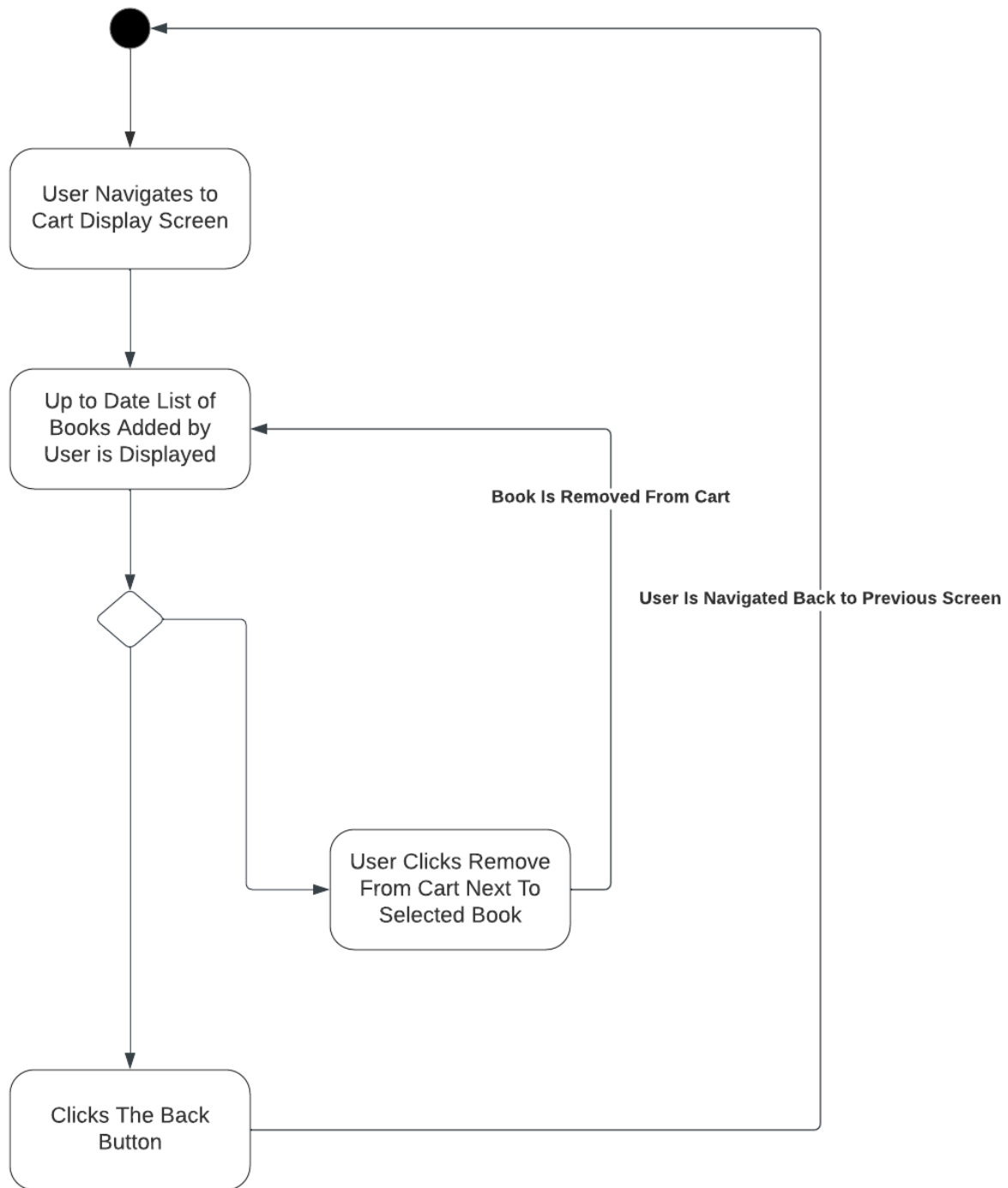
Book Browsing Activity Diagram



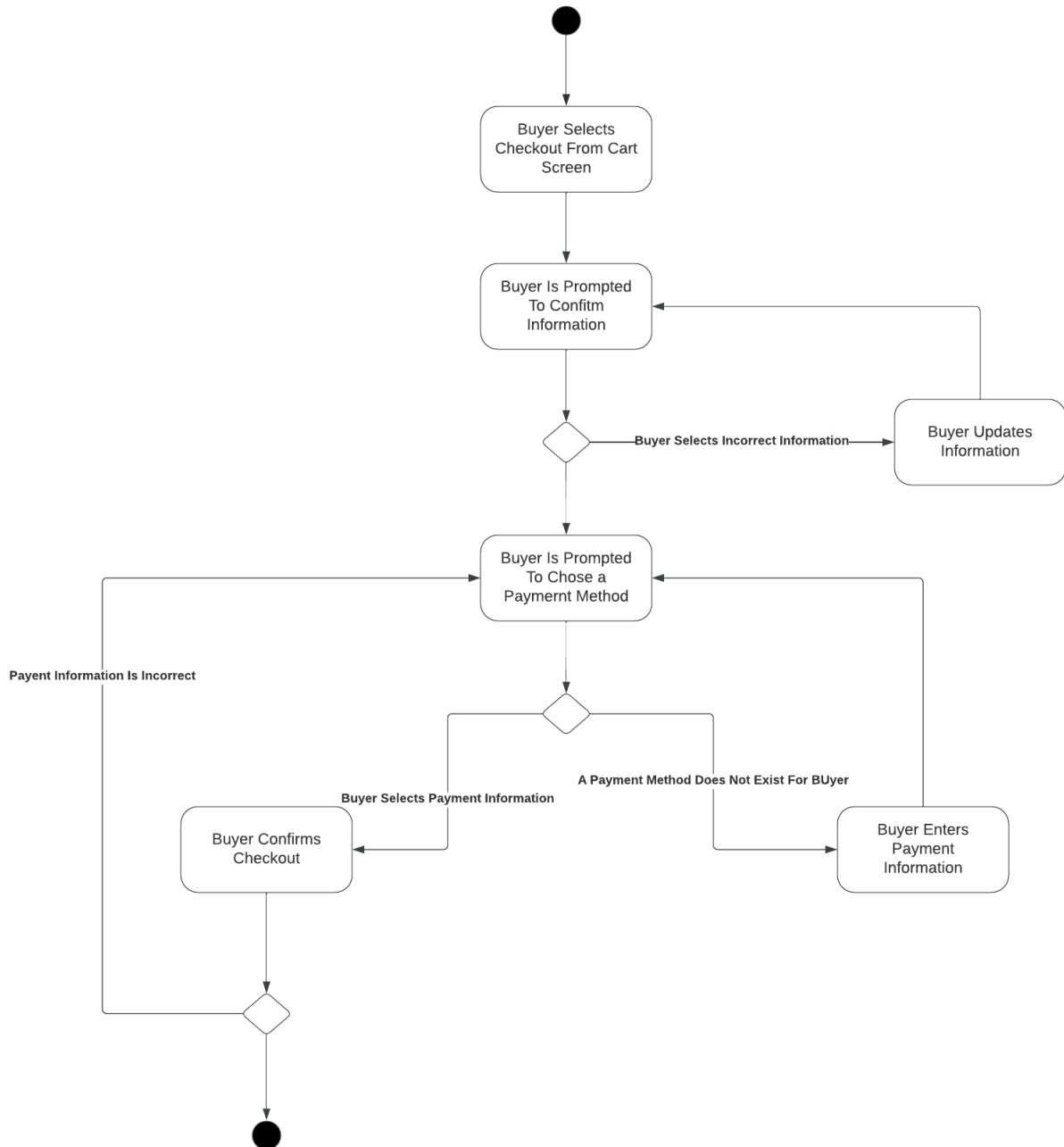
Adding A Book To Cart Activity Diagram



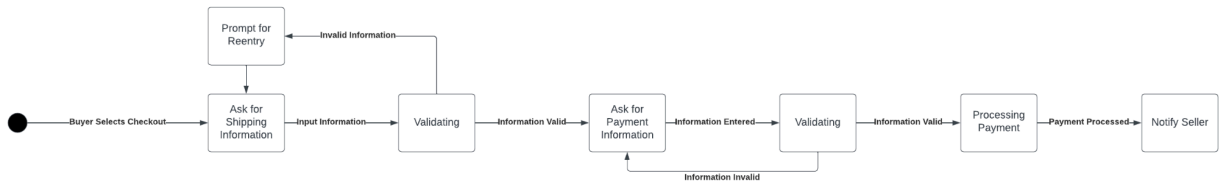
Cart Updating Activity Diagram



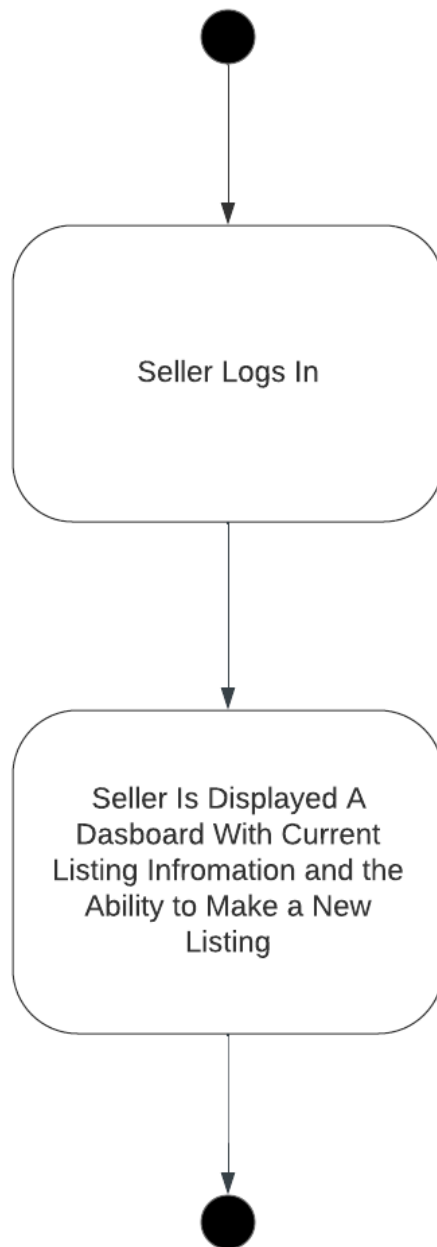
Checkout Activity Diagram



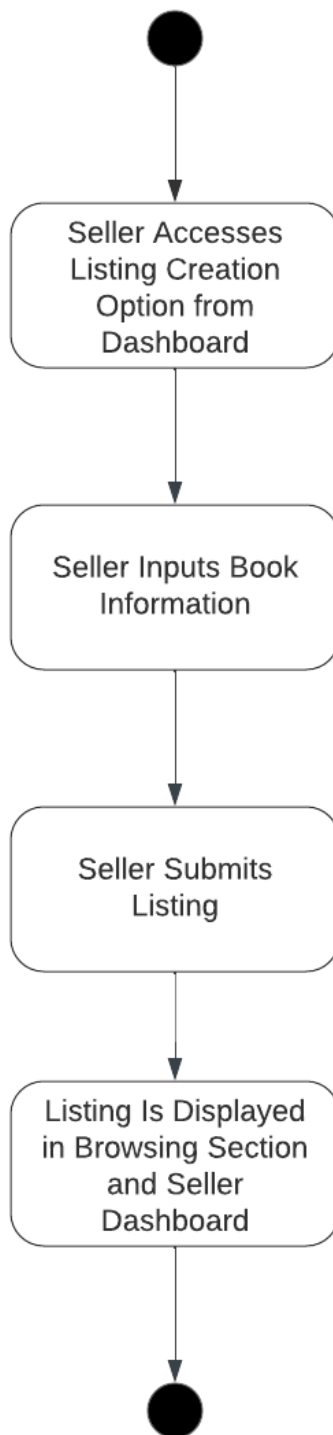
Checkout State Diagram



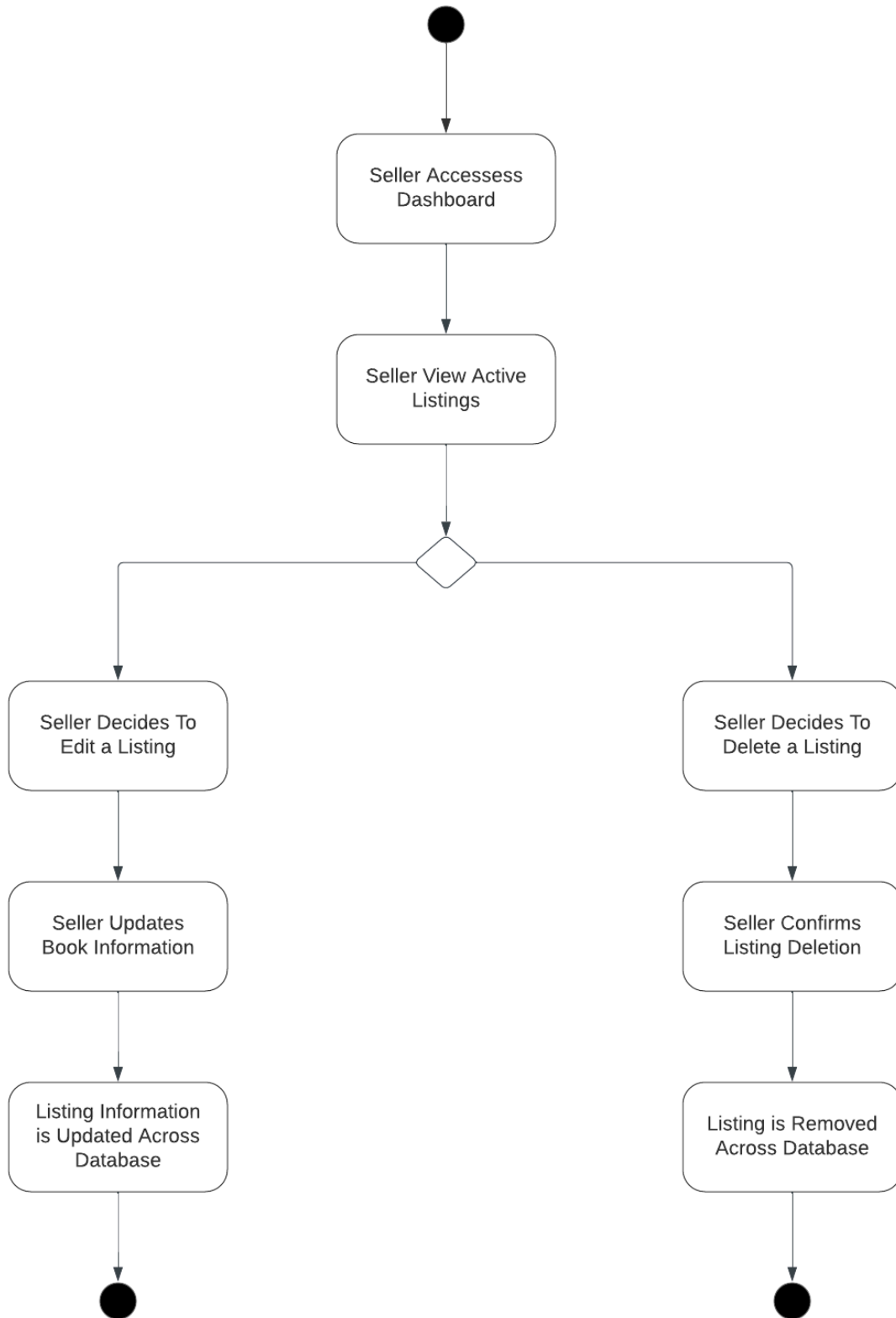
Seller Dashboard Activity Diagram



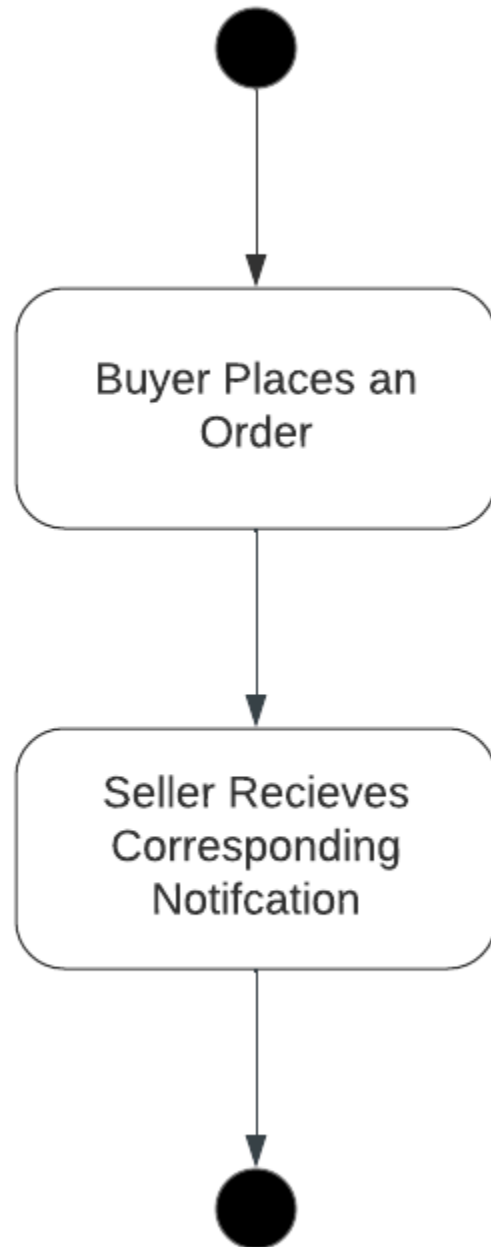
Create a Listing Activity Diagram



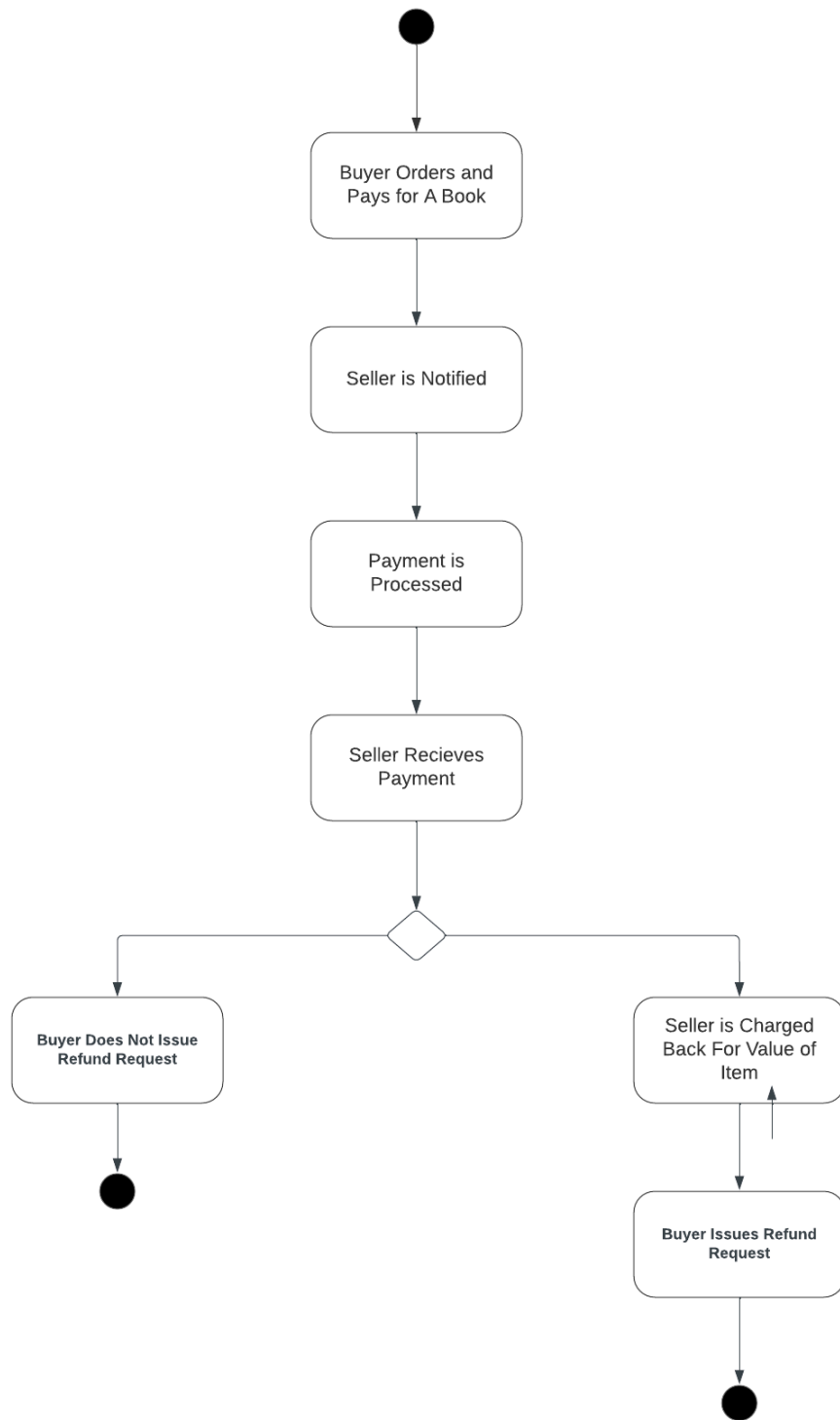
Listing Management Activity Diagram



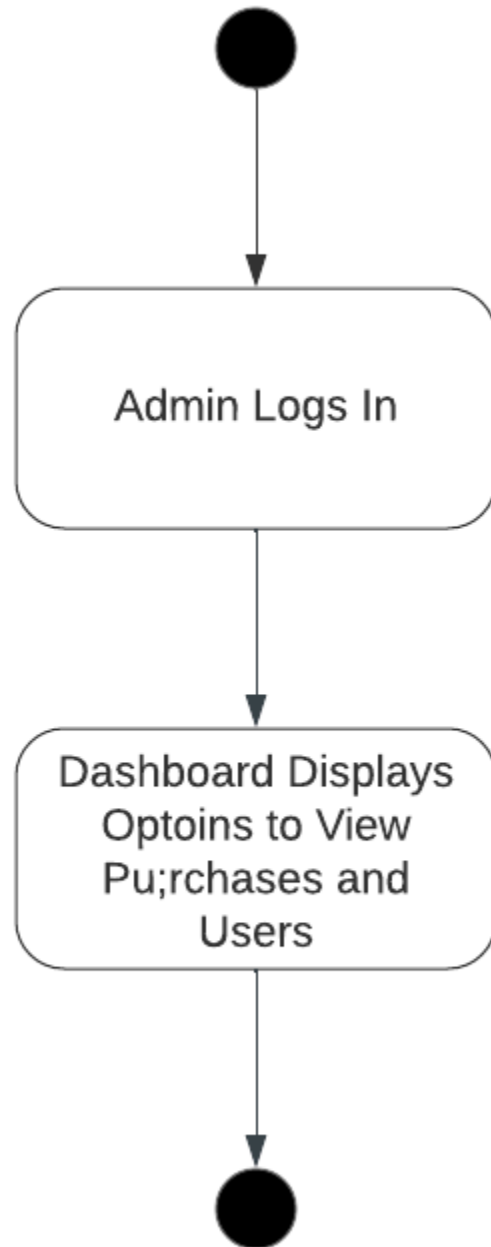
Listing Notification Activity Diagram



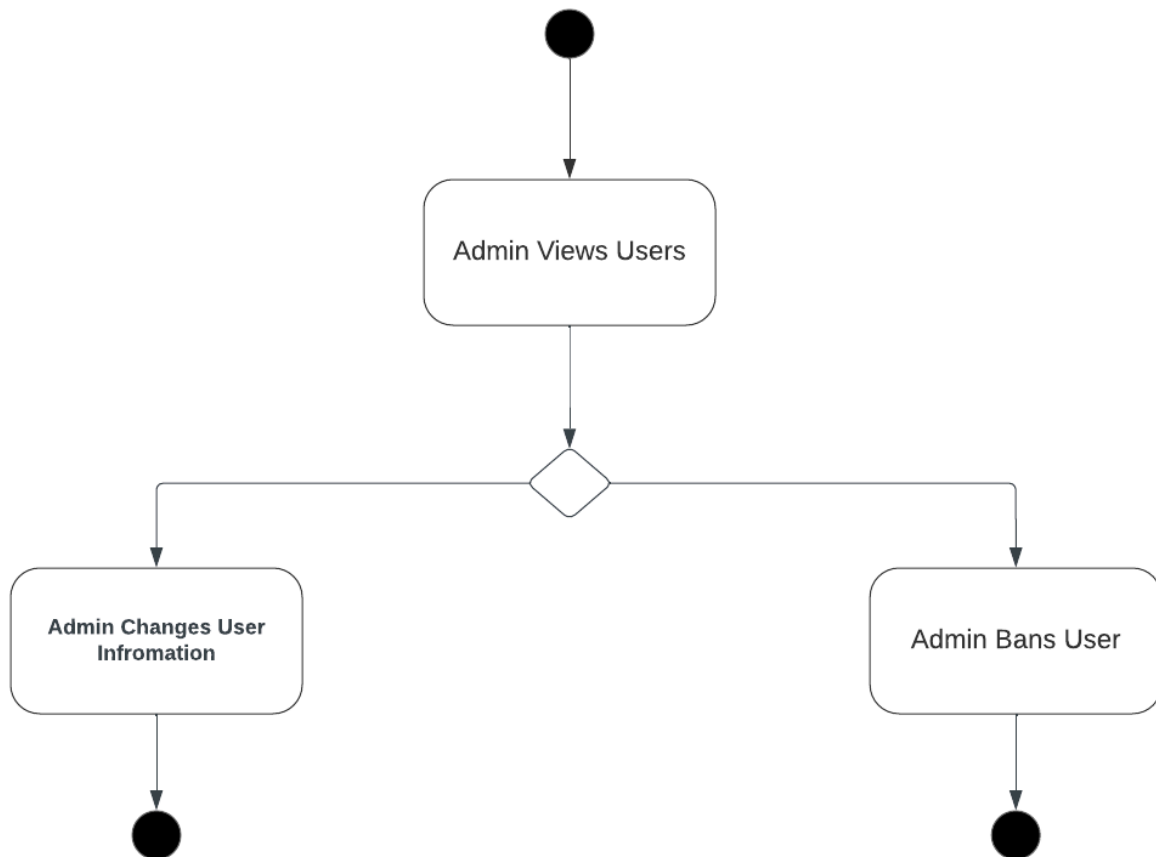
Payment Activity Diagram



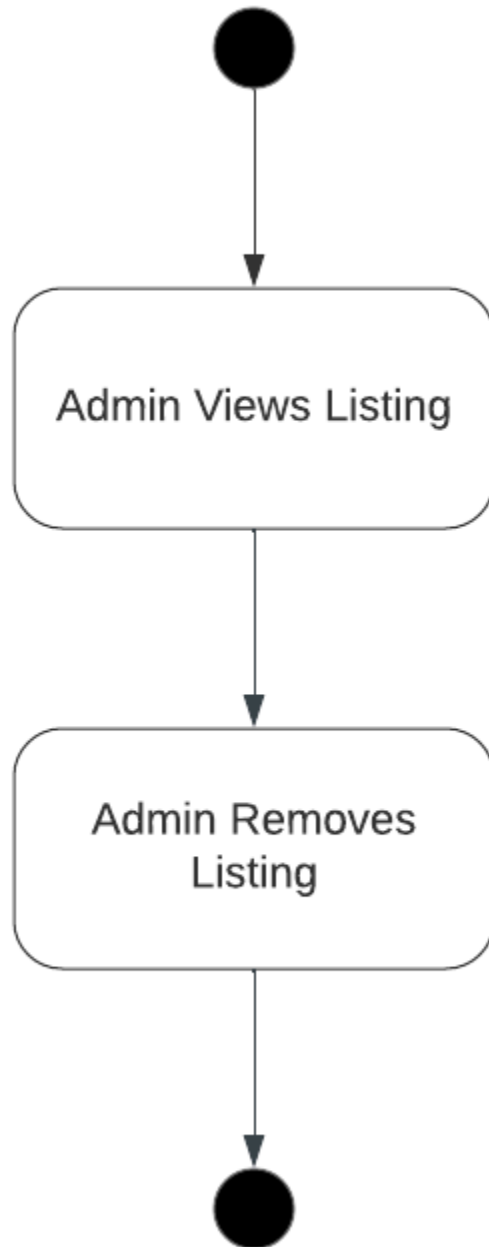
Admin Dashboard Activity Diagram



Admin Ban Users Activity Diagram

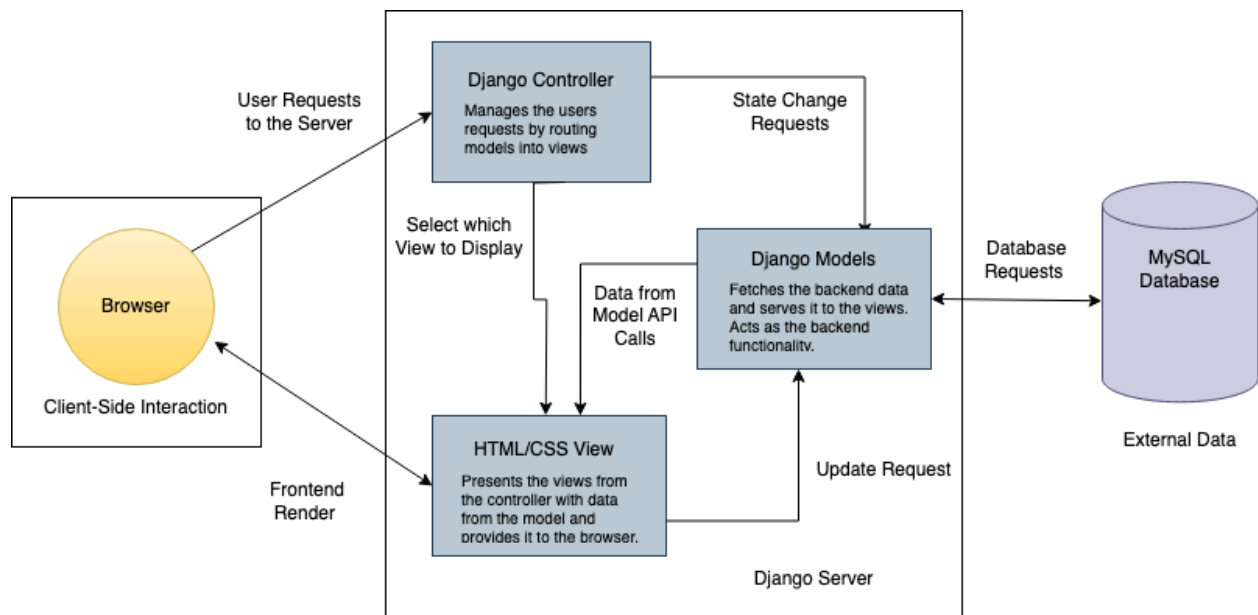


Admin Remove Listing Activity Diagram



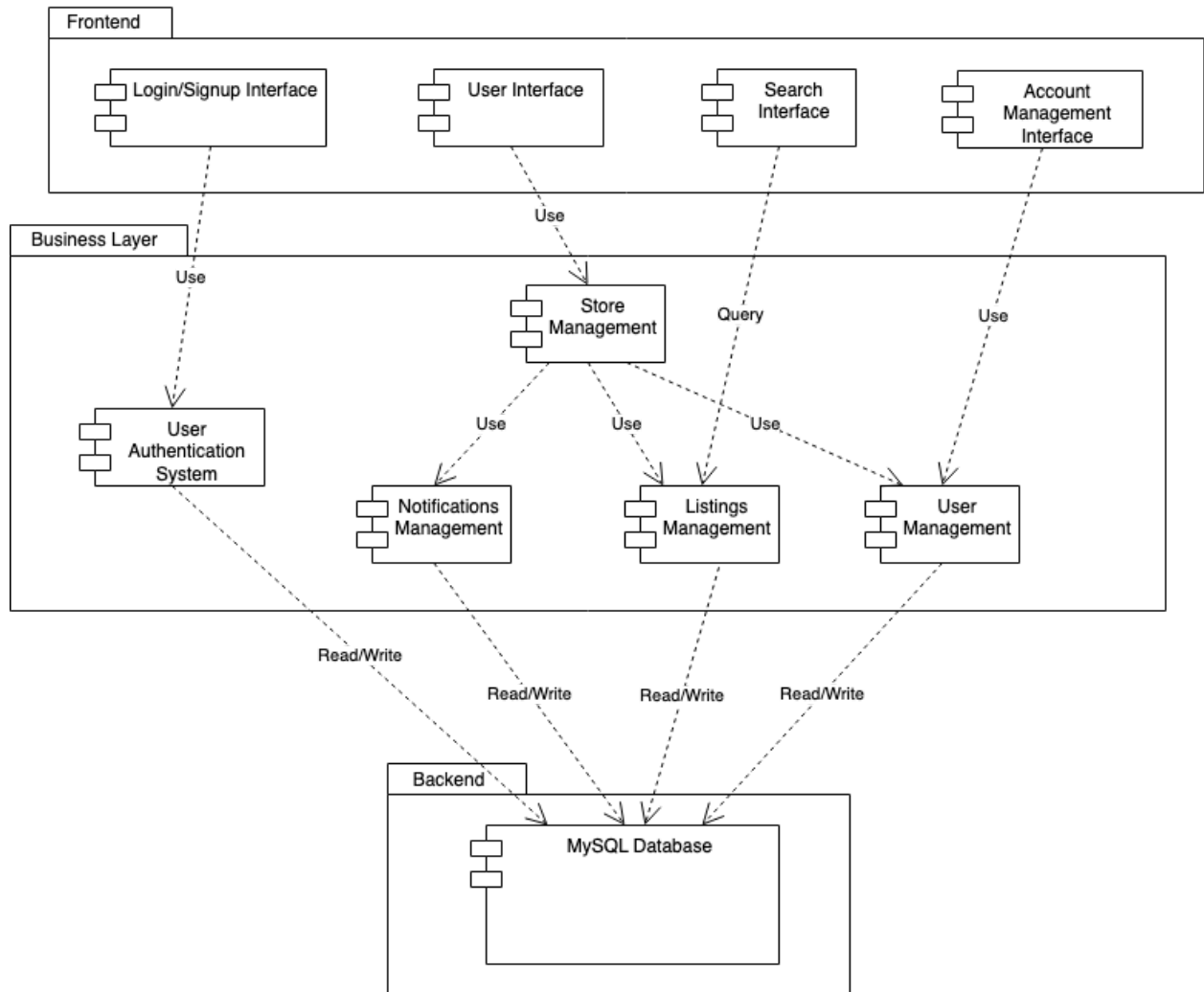
Architectural Design Diagram

Model View Controller Architecture Diagram

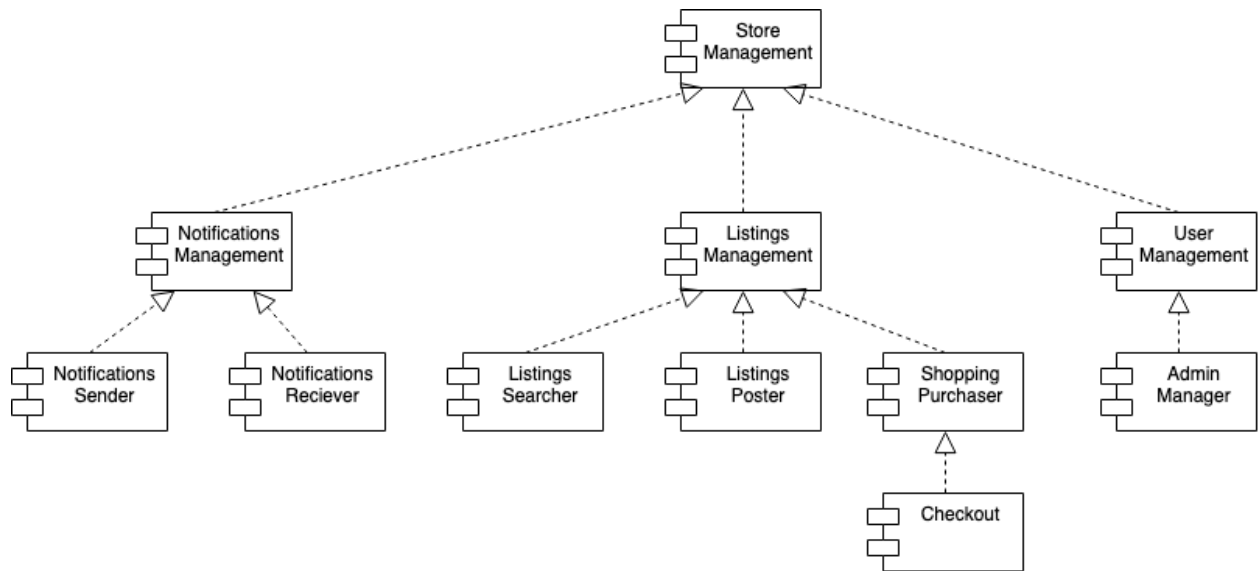


Component Level Diagrams

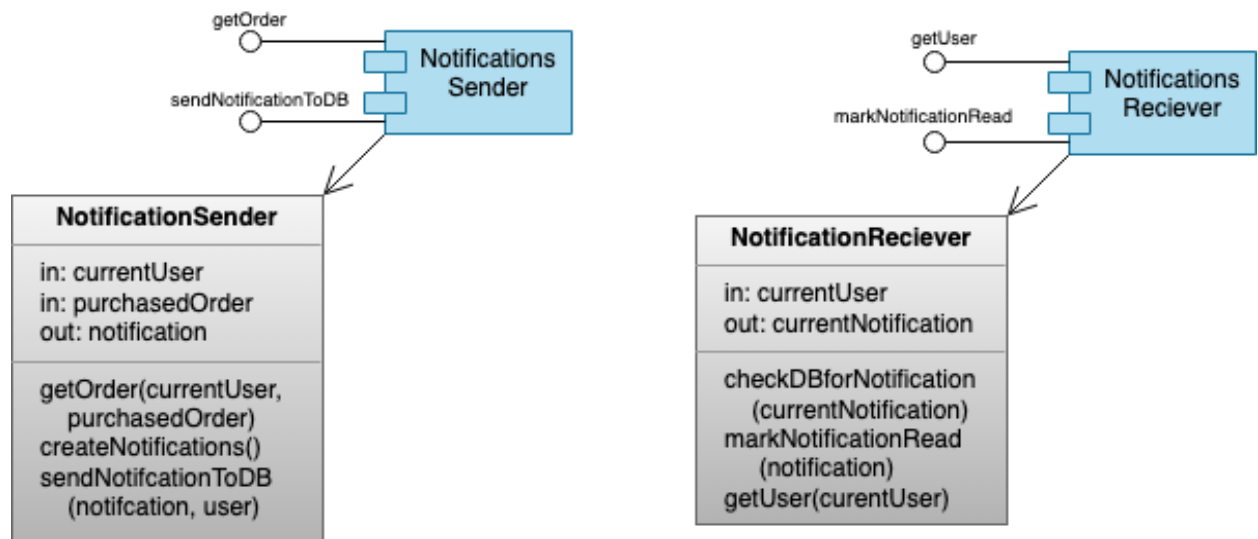
Top Level Components Diagram



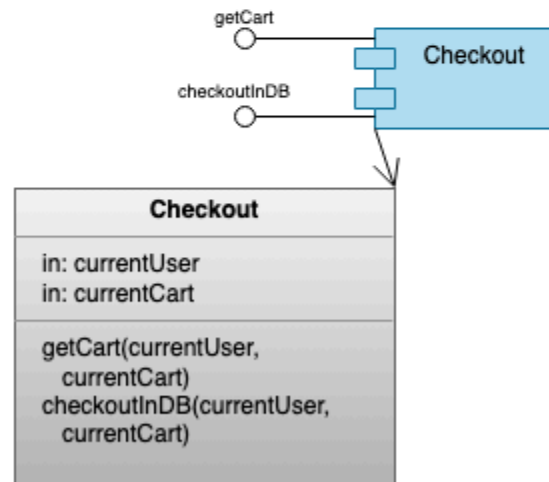
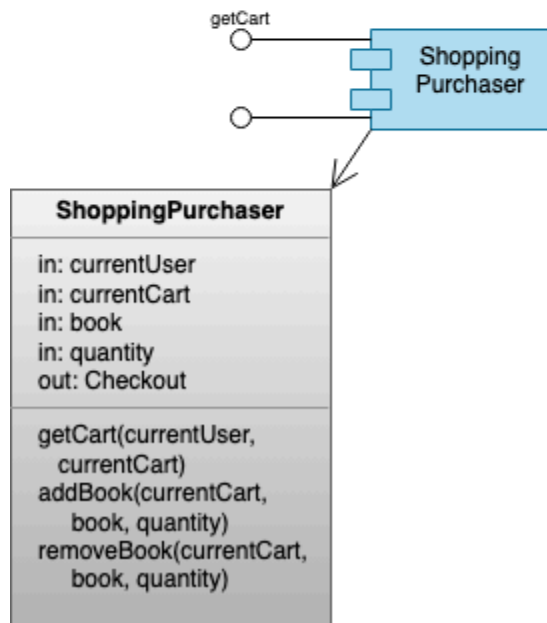
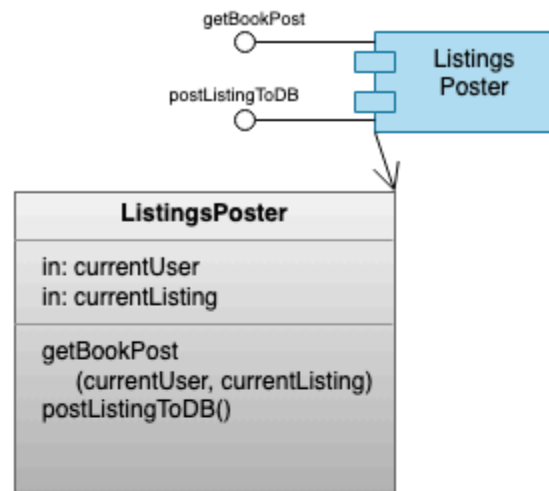
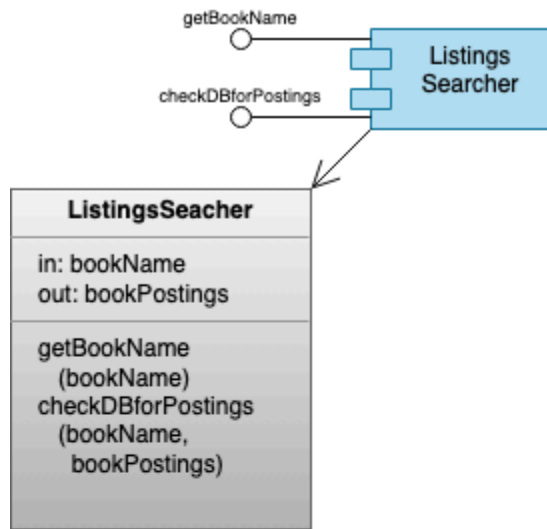
Expanded Component Diagrams



Notifications Management Components



Listings Management Components



Users Management Components

