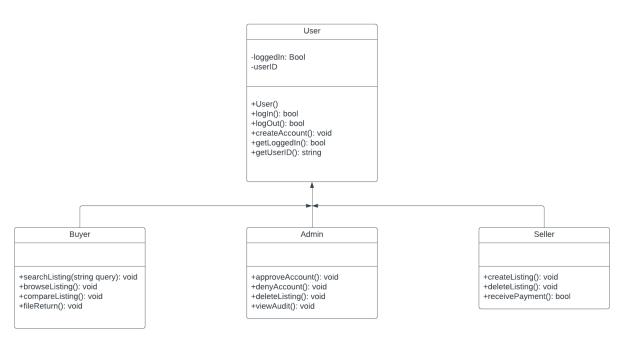
Scenario Based Diagrams

Class Based Diagrams

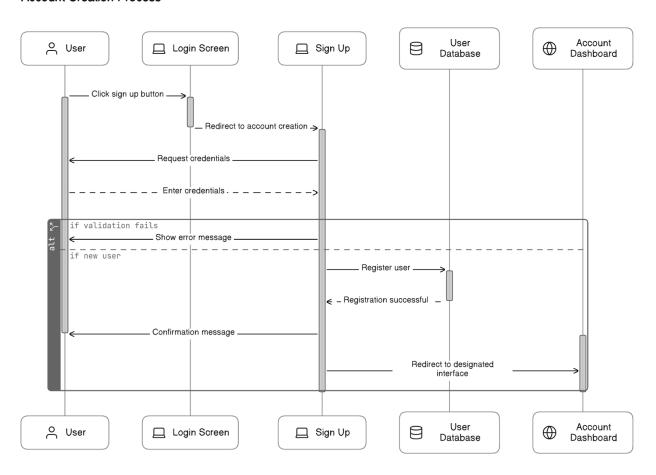


Cart	Inventory
-dbName: string	-dbName: string
+Cart() +Cart(string dbName): void +viewCart(): void +addToCart(string userID, string ISBN, string dbName): bool +removeFromCart(string userID, string ISBN, string dbName): bool +checkOut(): bool	+Inventory() +Inventory(string dbName, tableName) +viewInventory(): void +searchInventory(string query): void +decreaseStock(int quantity, string isbn): bool

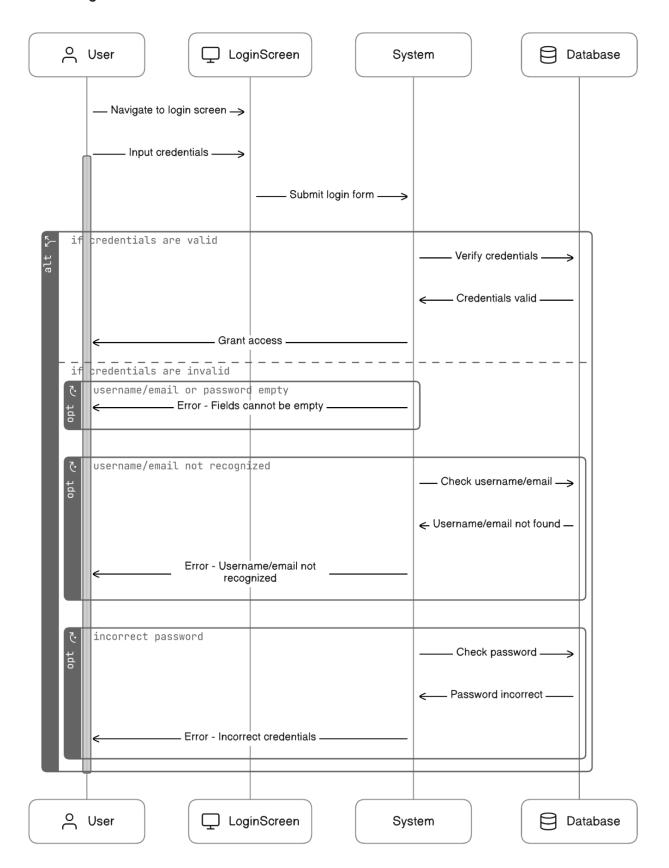
Book -ISBN: string -rating: int -price: float -title: string -pages: int -author: string +Book() +Book(string ISBN, int rating, float price, string title, int pages, string author): void +updateRating(string ISBN, int rating): void +updatePrice(string ISBN, float price): void +updatePrice(string ISBN, string title): void +updatePages(string ISBN, string title): void +updatePages(string ISBN, string title): void +updateAuthor(string ISBN, string author): void

Function Modeling Diagrams

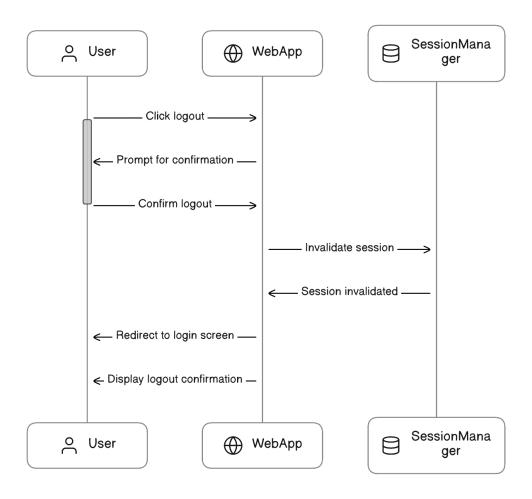
Account Creation Process



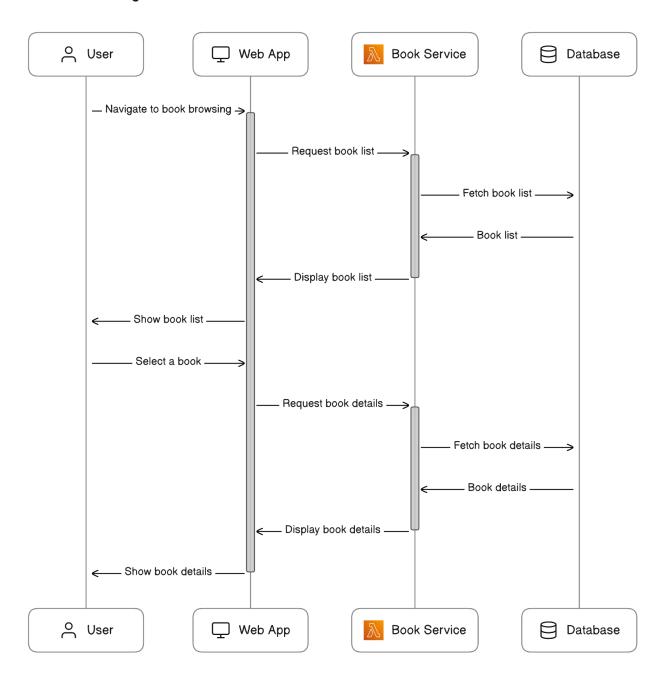
User Login Process



Logout Process

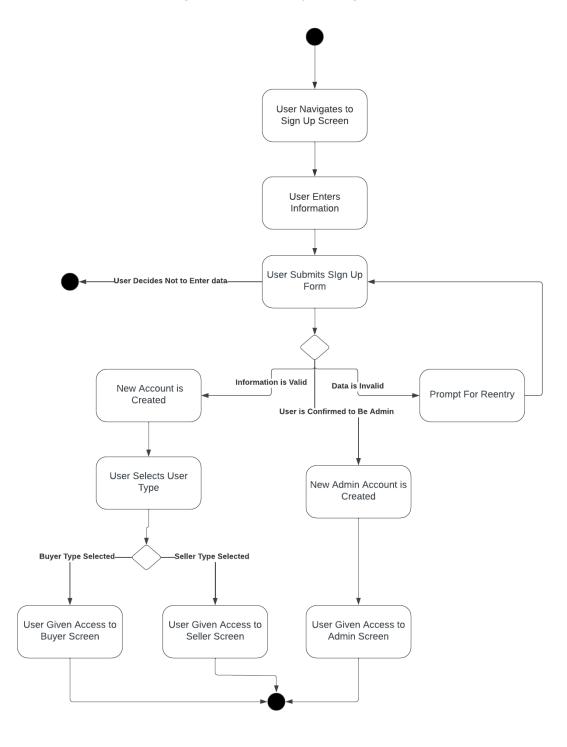


Book Browsing Flow

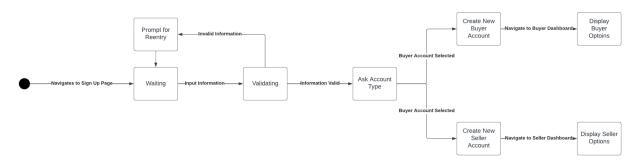


Behavioral Modeling Diagrams

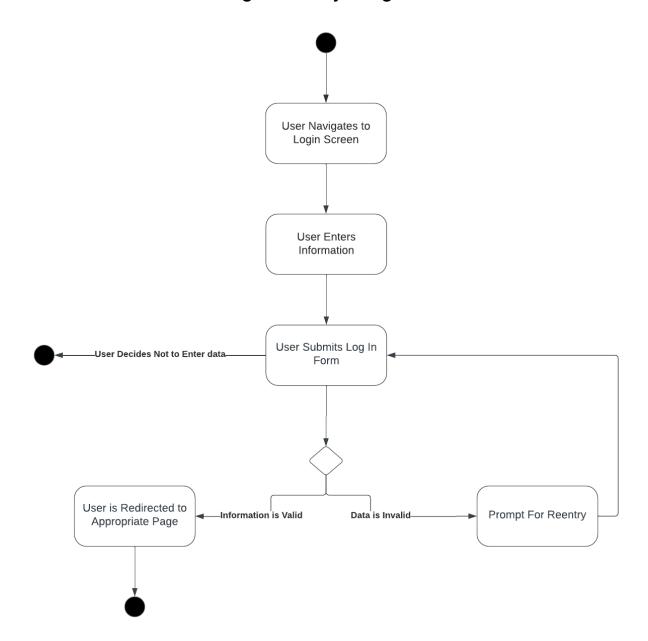
Sign Up Activity Diagram



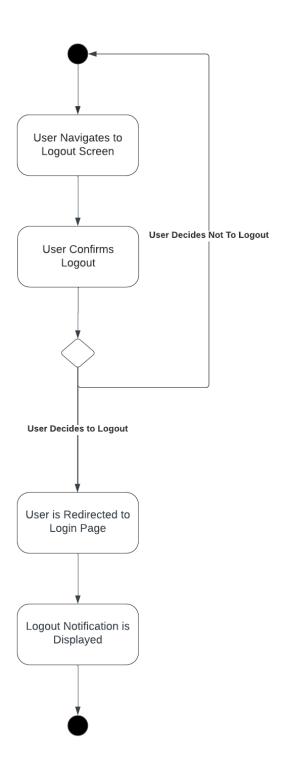
Sign Up State Diagram



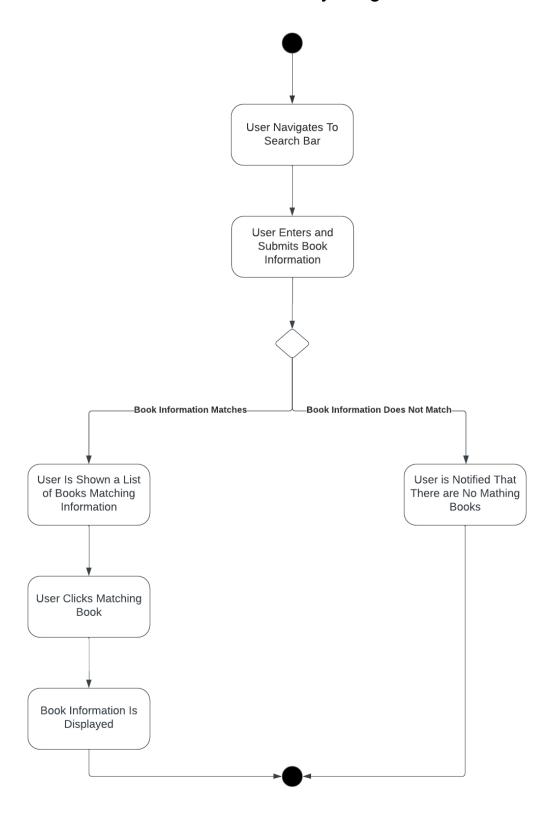
Login Activity Diagram



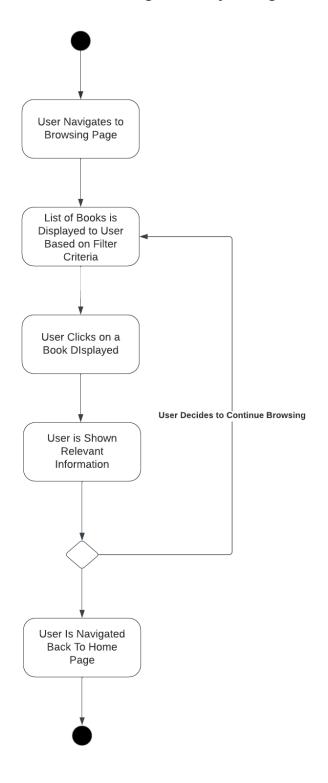
Logout Activity Diagram



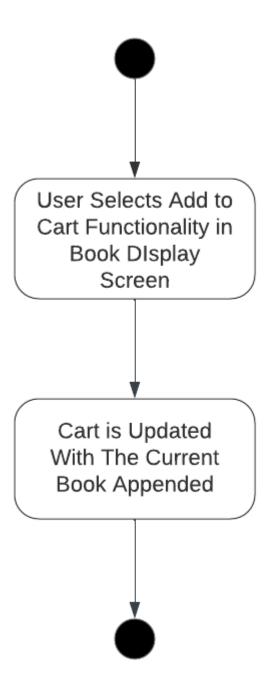
Book Search Activity Diagram



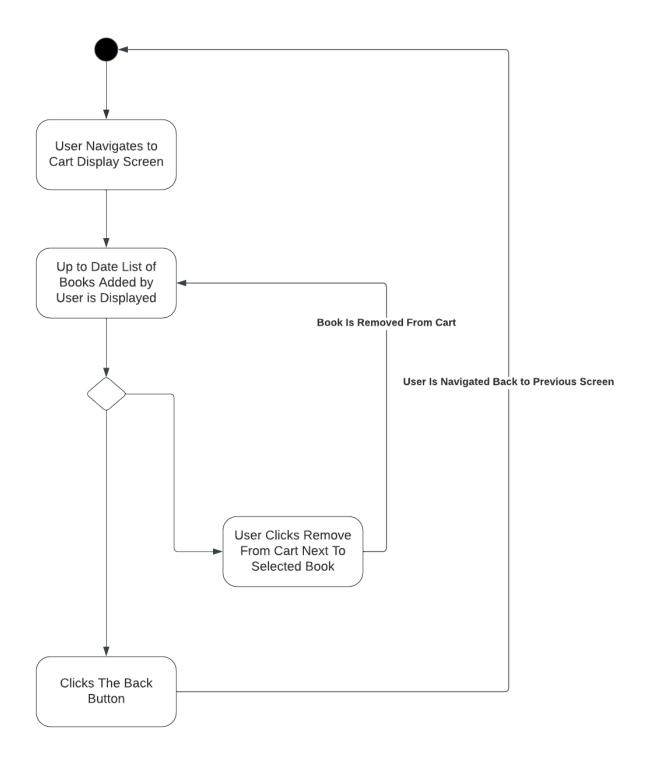
Book Browsing Activity Diagram



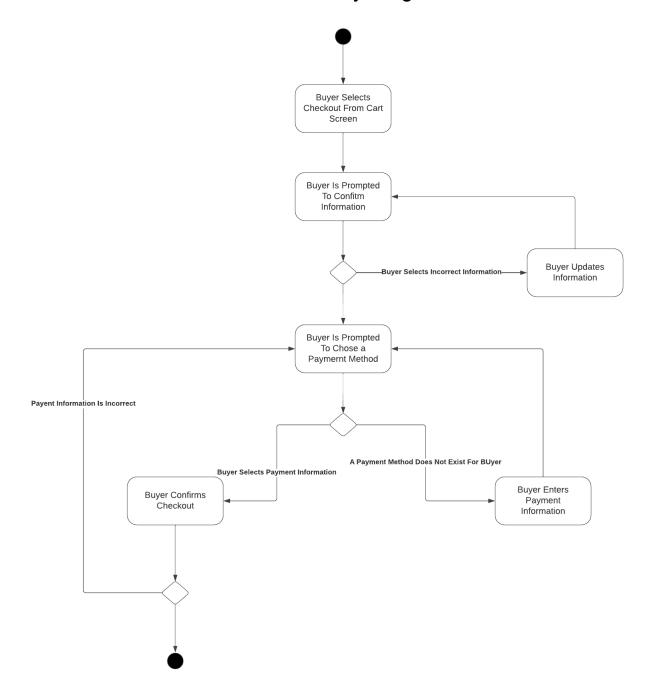
Adding A Book To Cart Activity Diagram



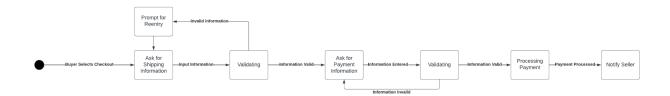
Cart Updating Activity Diagram



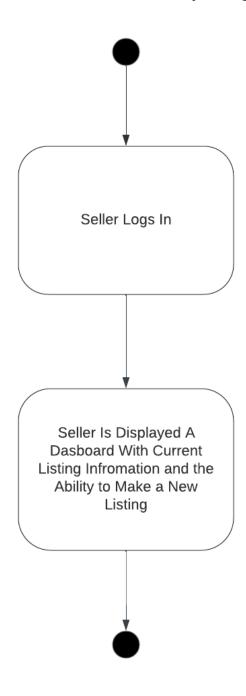
Checkout Activity Diagram



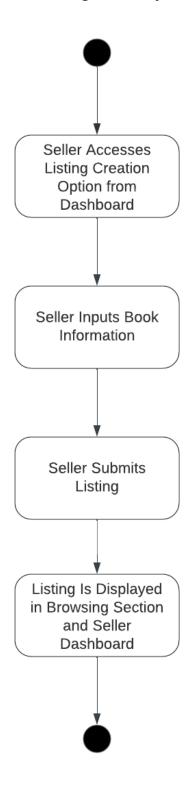
Checkout State Diagram



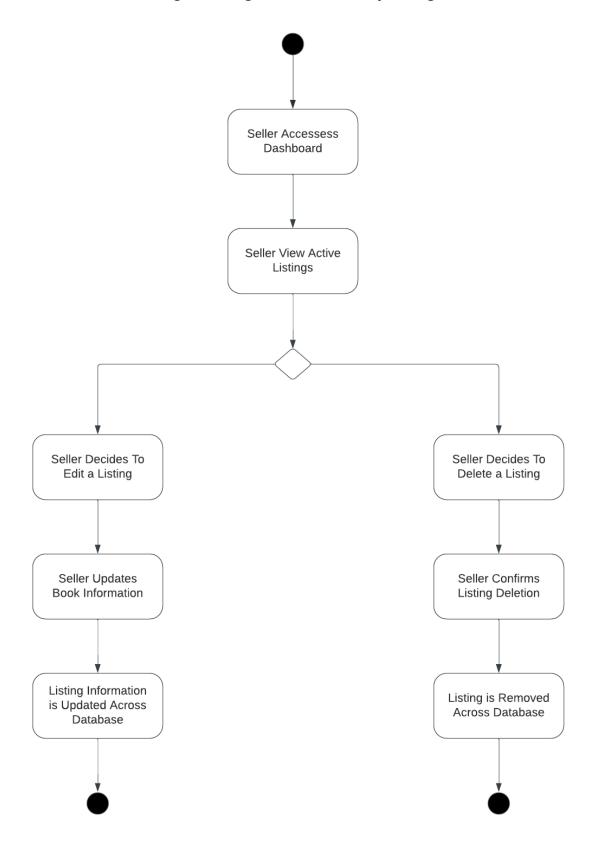
Seller Dashboard Activity Diagram



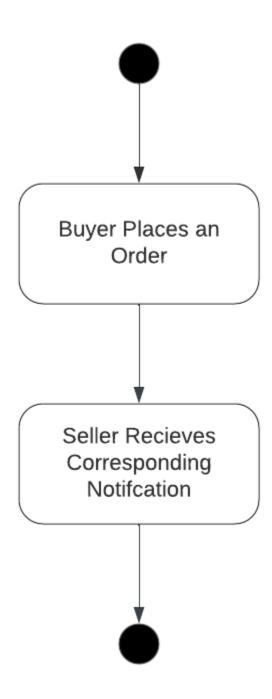
Create a Listing Activity Diagram



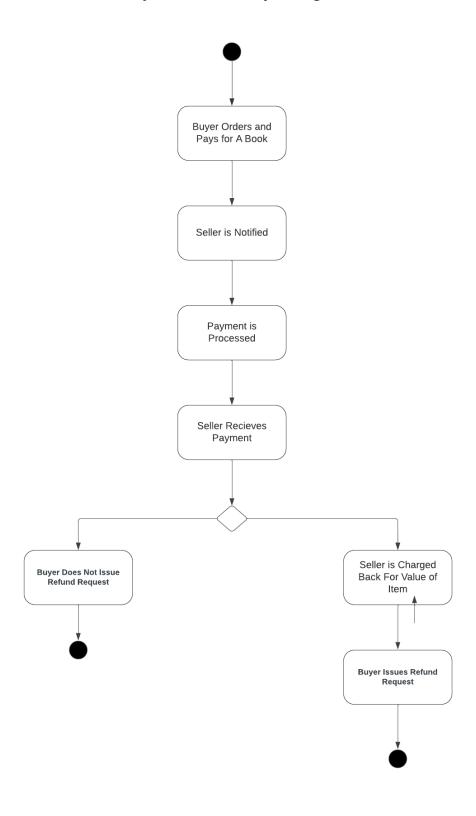
Listing Management Activity Diagram



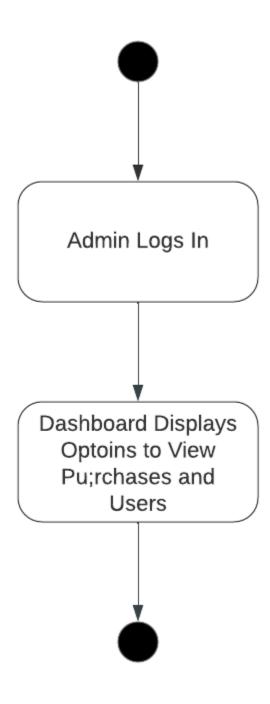
Listing Notification Activity Diagram



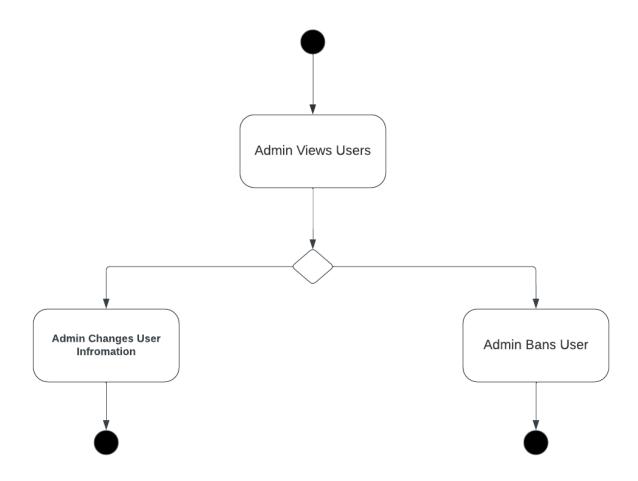
Payment Activity Diagram



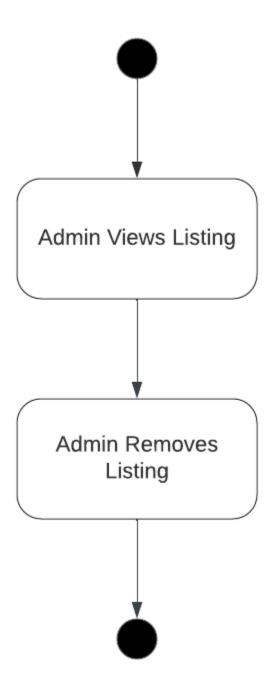
Admin Dashboard Activity Diagram



Admin Ban Users Activity Diagram

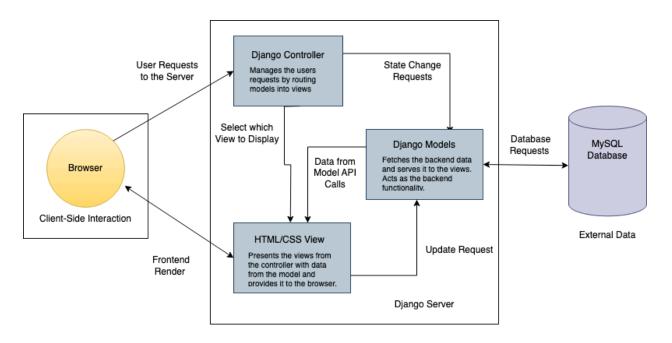


Admin Remove Listing Activity Diagram



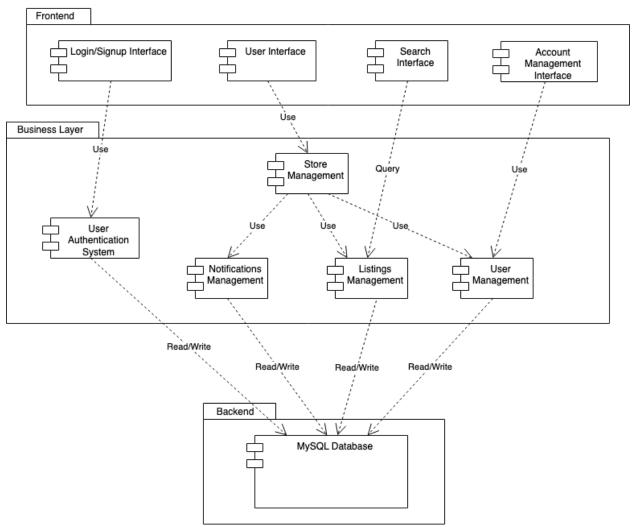
Architectural Design Diagram

Model View Controller Architecture Diagram



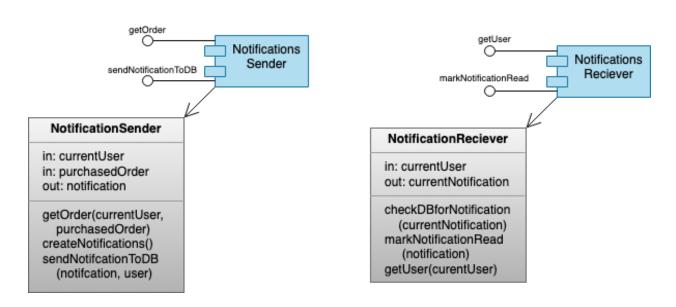
Component Level Diagrams

Top Level Components Diagram

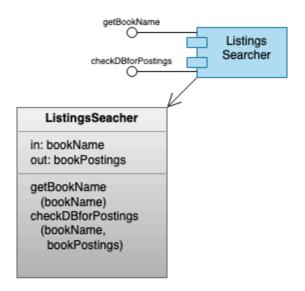


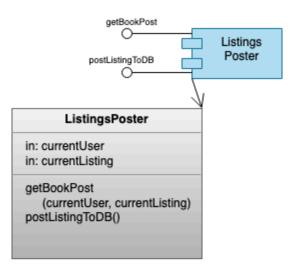
Expanded Component Diagrams Management Notifications Listings User Management Management Management Notifications Notifications Shopping Listings Listings Admin Purchaser Sender Reciever Searcher Poster Manager Checkout

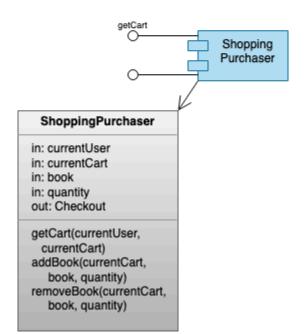
Notifications Management Components

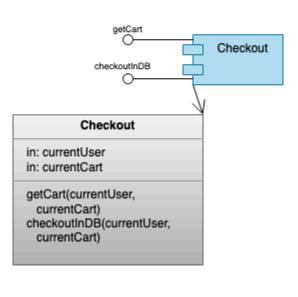


Listings Management Components









Users Management Components

