BookHub

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For our project, we decided to implement an online bookstore for book addicts. We wanted to make it easy for readers to find, buy, and sell their books online. Bookhub does just that, sorting books by type and having an easily-searchable library to help customers find the books they want.

Requirements:
- Users can log in as three different roles: customer, salesman, store manager
- Users can create accounts
- Users can change password if forgot it
- Books viewed in carousel
- Books sorted by categories
- Autocompletion in searching
- Can search books
- Search can be filtered by category
- Customers can order books
- Store managers can add, modify, or remove books
- Salesmen can modify or cancel customer orders
- Order confirmation notification via email
- Deal matching via Python script
- Which products are trending: most ordered, highest rated, etc.

Class Diagram:

User
+user_id: int
+paswd: string
+statusOfLogin: string
+verify()

Customer
+Cust_id: int
+contact_no: int
+cust_name: string
+address: string
+email: strng
+payment_info: string
+birth_date: int
+Register()
+login()
+changeprofile()

Admin
+Adm_id: int
+Paswd: string
+Name: string
+email: string
+contact_no: int
+AddBookCategory()
+DeleteBookCategory()
+AddBook()
+DeleteBook()
+AddAccessToMember()
+DeleteAccesssToMember()
+AddPaymentType()
+DeletePaymentType()

BookCategory
+Cat_id: int
+Cat_name: string
+GetCategoriesOfBook()

OrderBook
+Order_id: int
+price: int
+cust_id: int
+Noofbooks: int
+Order()

BookSet
+Book_id: int
+BookTitle: string

Search
+BookTitle: string
+Cat_id: int
+author_name: string
+PriceLimit: float
+GetBookSet()

ShoppingCart
+Order_id: int
+price: float
+cust_id
+AddCart()
+DelateCart()
+UpdateCart()

Book
+Book_id: int
+book_name: string
+price: float
+author_name: string
+detailsAbtBook: string
+Cat_id: int
+rating: int
+GetBook()

+AddUserAsMembeer

AddBook

SearchBook

Add Book To Cart

OrderIsUpdatedToCArt

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