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UML Diagram  
Assignment in CLASSES

Online Store

Customer
name address age
add_wishlist() browse() buy()

Product
name id price manufaturer
quantity() set_value() availabilty()

Order
date amount payment
items() status() order_details()

Shipment
delivery_address weight number_packages
service_type() ship_date() track_number()

Movie theater

Theater
location
get_location() events() rating()

Movie
title theme
time() genre() movie details()

Payment
payment_type
authorize() capture() verify()

Ticket
availability number amount
add_ticket() edit_ticket() romove_ticket()

Library

Book
book_type book_title vendor
author() publisher() editions()

Librarian
librarian_name librarian_id
search_book() verify_member() issue_book()

Vendor
book_details
payment_details() search() book_supply()

Customer Record
customer_id membership_date book_limit
retrieve_member() pay_fine() increase_issued()

Online Course

Administrator
admin_id admin_name
manage_topic() view_student() manage_course()

Calendar
start_date end_day tutor_name
view_calendar() modify_calendar() delete_calendar

Course
course_name course_id
view_course() create_course() modify_course() remove_course(0

Topic
topic_id topic_name content
manage_topic() view_topic() create_topic()