# HUST

ĐẠI HỌC BÁCH KHOA HÀ NỘI HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

ONE LOVE. ONE FUTURE.



#### ĐẠI HỌC BÁCH KHOA HÀ NỘI HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

#### **ITSS Software Development**

Group 9

ONE LOVE. ONE FUTURE.



#### **TEAM MEMBER**

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Nguyễn Mạnh Hiếu

Nguyễn Văn Hiếu

Phạm Trung Hiếu

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Use Case Diagram

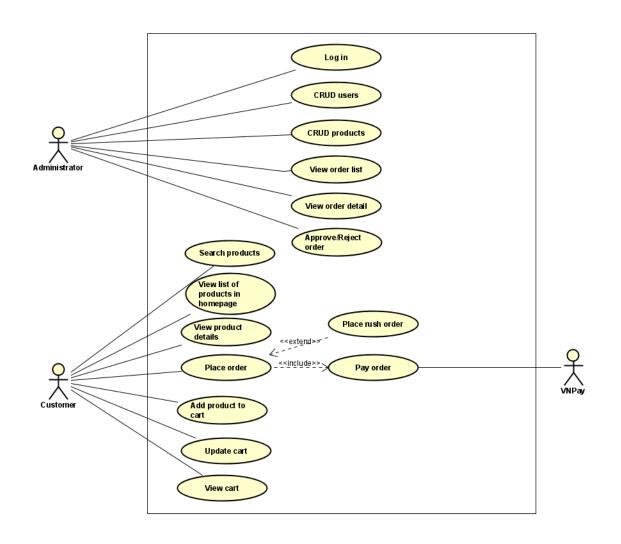
**Architecture Pattern** 

**Design Patterns** 

Special Design



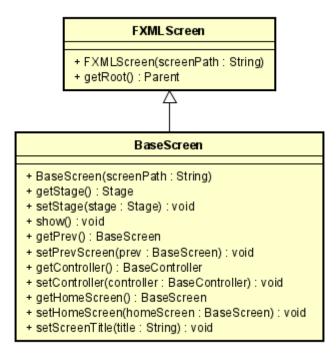
#### Use case diagram





#### **Architectural pattern**

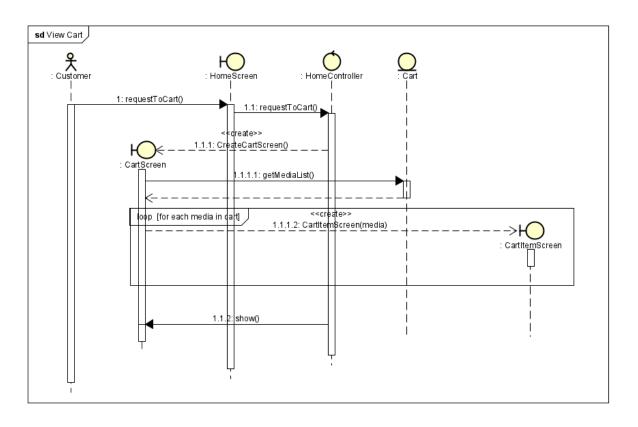
- MVC+ View:





#### **Architectural pattern**

- MVC
- + Controller:

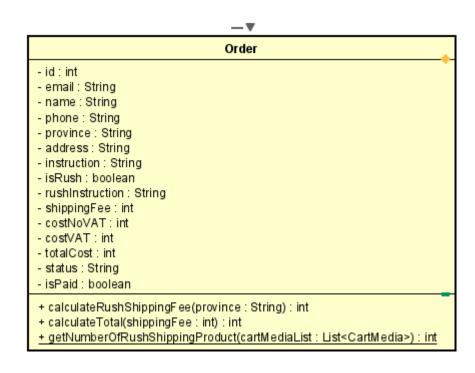


Interaction diagram of use case "View cart"



#### **Architectural pattern**

- MVC+ Model:

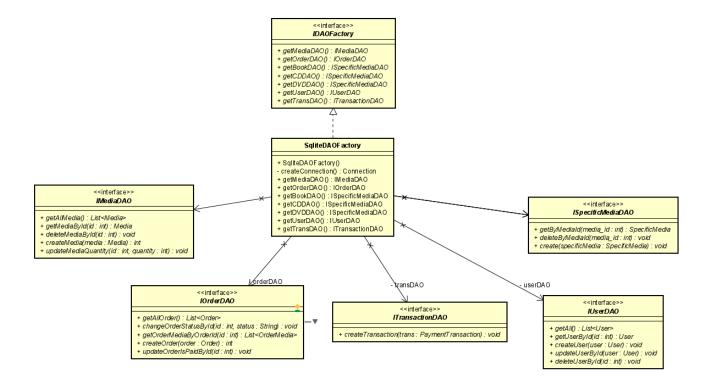


#### SqliteOrderDAO

- + SqliteOrderDAO(connection : Connection)
- + getAllOrder(): List<Order>
- + changeOrderStatusById(id: int, status: String): void
- + updateOrderIsPaidById(id:int): void
- + getOrderMediaByOrderId(orderId: int): List<OrderMedia>
- + createOrder(order: Order): int

#### Design pattern

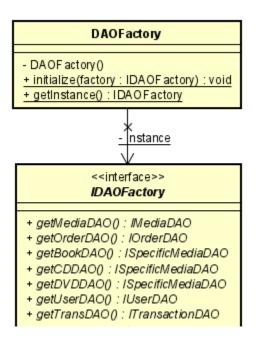
Abstract factory





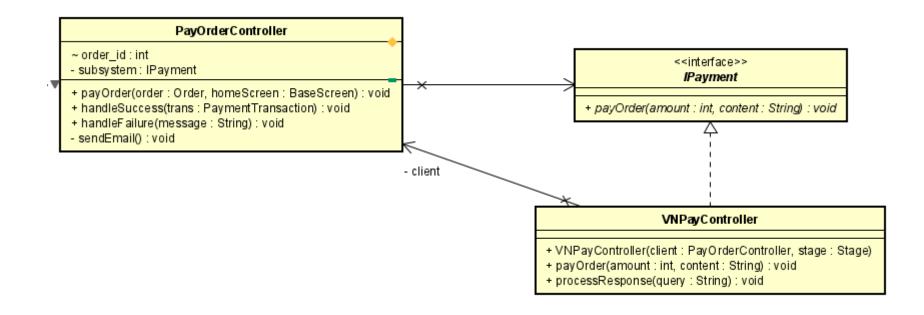
#### Design pattern

Singleton

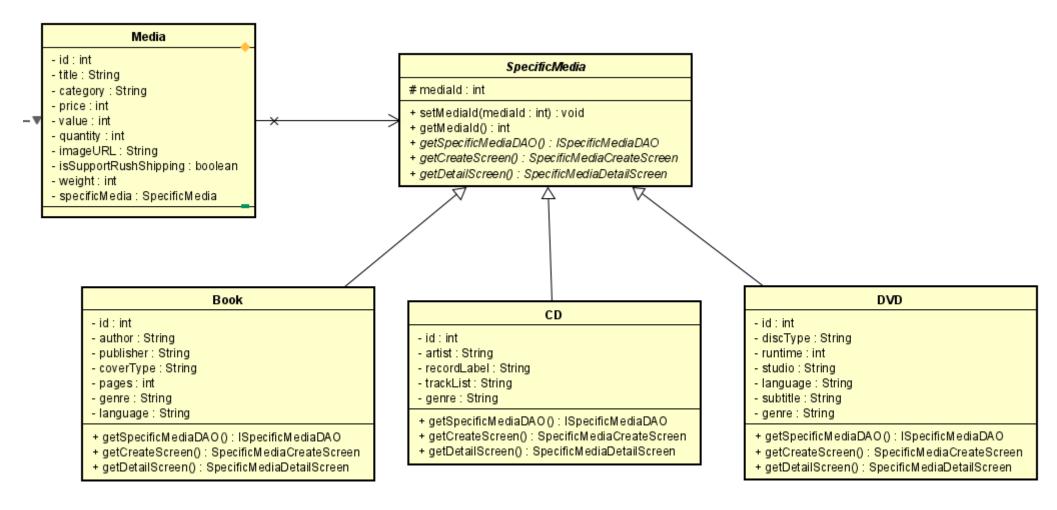


#### Design pattern

#### Strategy

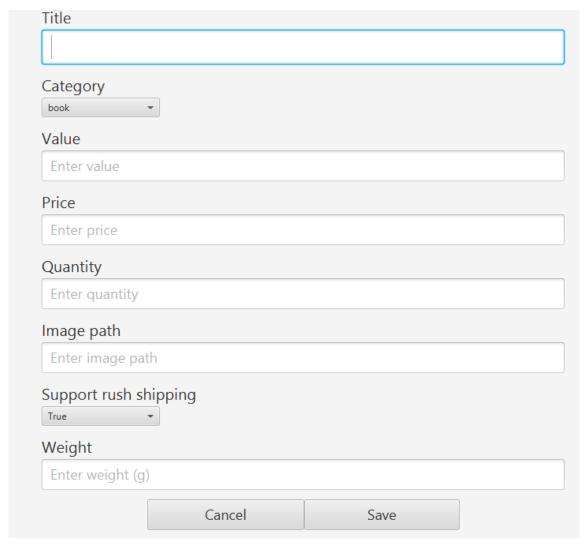


#### Special design





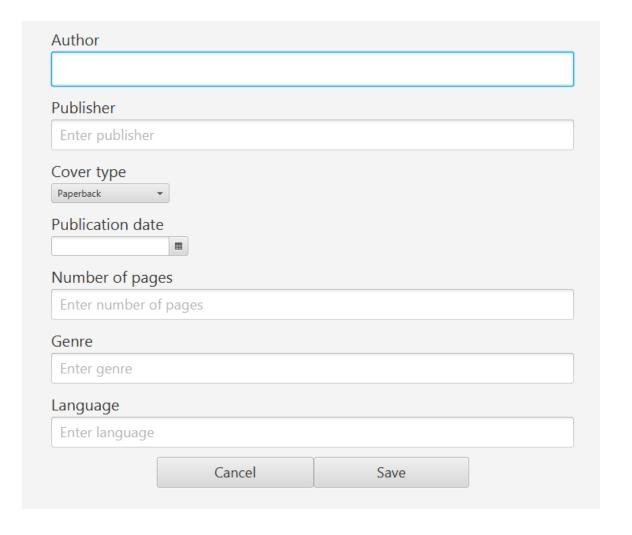
## Special design





Media form

## Special design





Specific media form

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## THANK YOU!