sd Register

Guess

User

Enter username/Password()

update_user()

sd Login

Guess

User

login()

return Authorized

sd Browseproduct

client

product

product_catalog

loop

request_product()

get_each_product()

display_product()

return each_product()

sd Search by type

client,guess

product

product_catalog

select_type()

request_producttype()

return eachproduct

return list_product

sd Search by name

Client → :ProductCatalogory : search_product
:ProductCatalogory ⤏ Client : return [Product]
Client → :Product : get_product_detail(name,price)
:Product ⤏ Client : return product_detail

sd User Detail

Client → Customer : get_user_detail()
Customer → User : get_user_detail()
User ⤏ Customer : return user_detail()
Customer → Customer : update_user_detail()
Customer ⤏ Client : return user_detail()

sd View Product

Client → :Product : view_product()
:Product ⤏ Client : return product_detail()

sd Add to Card

Client → :Cart : add_cart()
:Cart → :Cart : update_cart()

sd : add product

Admin

create_product() → :ProductCatalog

create_product() → :Product

return Product

append to product_list

return status

Note : Same as add movie in the slide

sd : Delete Product

Admin

Search for a product → ProductCatalog

get_product_detail() → :Product

return product_detial

return product_id

delete_product(product_id)

remove from list of product

return status

sd : modify_product

Search for a product → ProductCatalog

get_product_detail() → Product

return product_detial

return product_id

Loop

sd : ViewCart

Client → : Cart : show_cart
: Cart → : Cart : update cart

loop
: Cart → : EachItem : get_eachitem()
: EachItem → : Product : get_product(name,price,color)
: Product --> : EachItem : return list_product
: EachItem --> : Cart : return each_item

: Cart --> Client : return product detail

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sd : MakePurchase

Client → : Payment : add_address
: Payment → : Order : get_order_detail()
: Order --> : Payment : return order_detail()
: Payment --> Client : return address_detail

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sd : MakePayment

Client → : Payment : make_payment
: Payment → : Payment : update status payment

loop
: Payment → : Order : get_order()
: Order → : Cart : get_cart()
: Cart --> : Order : return cart
: Order --> : Payment : return order

: Payment --> Client : return status_payment

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sd : ViewOrderDetail

Client → : Order : view_order_detail()
: Order → : PaymentStatus : get_payment_status
: PaymentStatus --> : Order : return payment_status
: Order → : OrderHistory : get_order_history
: OrderHistory --> : Order : return order_history()
: Order → : Order : update orderdetail
: Order --> Client : return order_detail