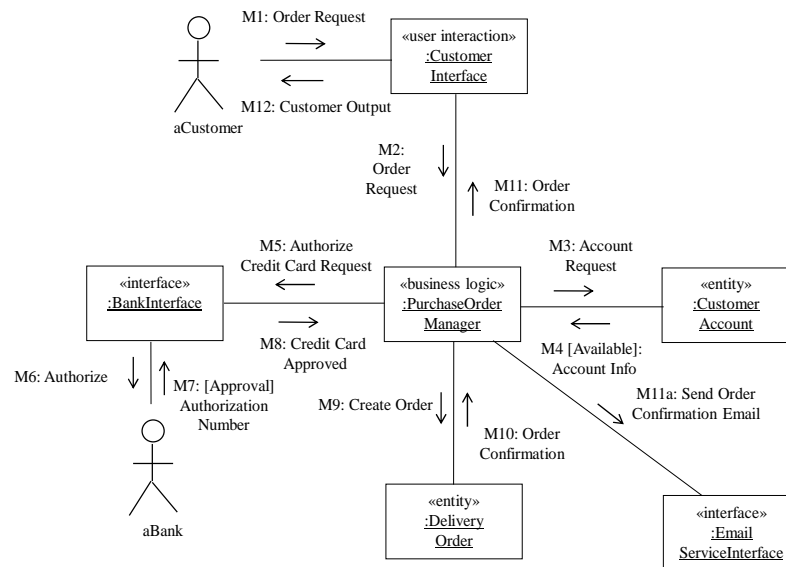


Homework3

CS3365-Fall2017

You are required to implement the Make Order Request use case using JaveServer Page (JSP), MySql database, and Java. The following depicts the communication diagrams for the Make Order Request use case, followed by the classes. The Customer Account and Delivery Order tables are given along with their intial data. You might need to change the table schema to add a key or foreignn key.

Main Sequence for Make Order Request use case

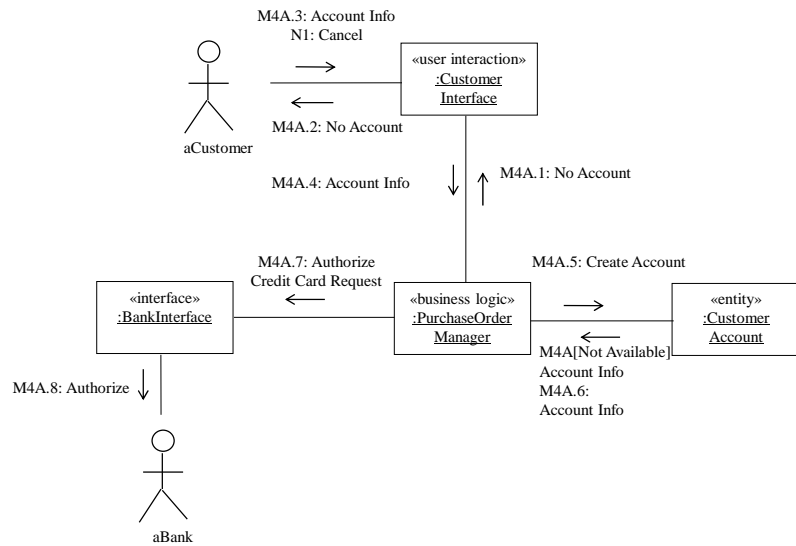


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Make Order Request use case – No Account or Cancel

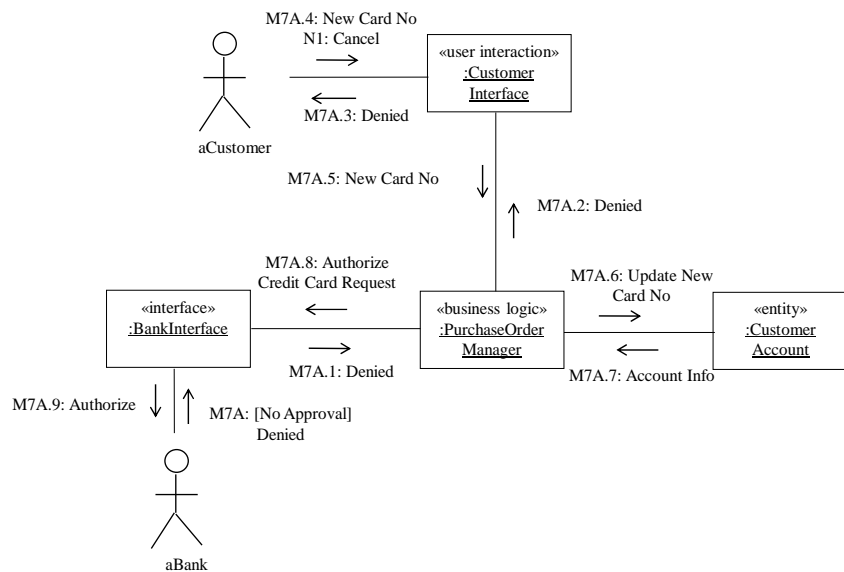


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Make Order Request use case – Not Approved



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Classes for Make Order Request use case

«interface» CustomerInterface
+ request(in Item, in Quantity, in TotalPrice, in AccountID, in Password, out Result) + createAccRequestOrder(in AccountID, in Password, in CardNo, out Result) + requestOrderWithNewCardNo(in AccountID, in Password, in CardNo, out Result) + cancel()

«interface» BankInterface
+ authorize(in CardNo, out Result)

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Classes for Make Order Request use case

«business logic» PurchaseOrderManager
+ requestOrder(in AccountID, in Password, in Item, in Quantity, in TotalPrice, out Result) + createAccRequestOrder(in AccountID, in Password, in CardNo, in Item, in Quantity, in TotalPrice, out Result) + requestOrderWithNewCardNo(in AccountID, in Password, in CardNo, in Item, in Quantity, in TotalPrice, in CardNo, out Result)

«interface» EmailServerInterface
+ emailConfirmation(in CustEmail)

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Classes for Make Order Request use case

«entity» CustomerAccount
<ul style="list-style-type: none"> - AccountID - Password - CardNo - CustomerEmail
+ readAccountInfo(in AccountID, in Password, out CardNo, out CustEmail) + createAccount(in AccountID, in Password, in CardNo, in CustEmail, out CardNo, out CustEmail) + updateCardNo (in AccountID, in Password, in CardNo, out CardNo, out CustEmail)

AccountID	Password	CardNo	CustomerEmail
steve	2345	12345678	steve@ttu.edu
alex	4567	23456789	alex@ttu.edu
Jane	6789	45678901	jane@ttu.edu
john	5678	56789012	john@ttu.edu
sam	7890	89012345	sam@ttu.edu

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Classes for Make Order Request use case

«entity» DeliveryOrder
<ul style="list-style-type: none"> - AccountID - Item - Quantity - TotalPrice - AuthorizationNo
+ createOrder(in AccountID, in Item, in Quantity, in TotalPrice, in OrderContents, in AuthorizationNo, out Confirmation)

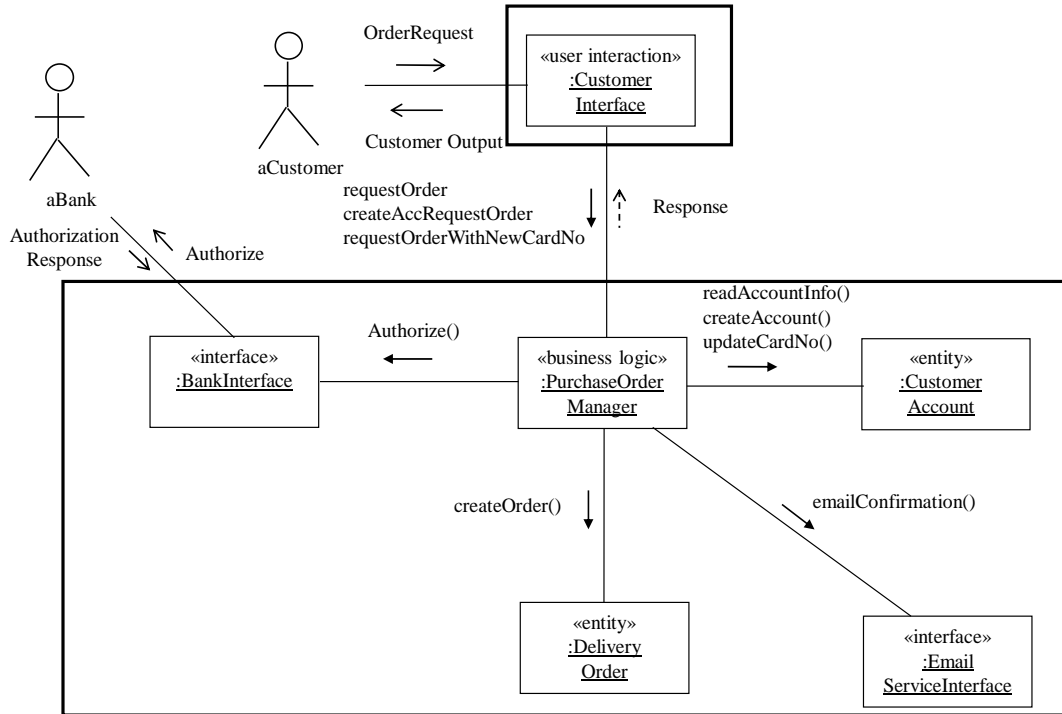
AccountID	Item	Quantity	TotalPrice	AuthorizationNo
alex	note	3	20.00	3333
john	book	1	50.00	5555
sam	pencil	20	10.00	7777

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Make Order Request



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