

Message Sequence for Adding Feedback

M1: Customer chooses the item to comment on Customer interaction.

M2: Customer Interaction sends the feedback to User Comment

M3, M4: Customer Coordinator takes the comments and sends the account request to the Customer Account Service.

M5: Customer account service sends the Account information to the Customer Coordinator

M6: The Customer Coordinator sends the comment to the Comment's Validity check to check the validity of the comment.

M7, M8: The comment is successfully validated by the Comment Validity Check, and then is sent to the Comments Left.

M9: The confirmation report is sent to the Customer Coordinator.

M10: The confirmation report is then sent to the User Comment.

M11, M12: The confirmation report is next sent to the Customer Interaction, and then is output to the Customer via the customer output.

Message Sequence for Adding Item

M1: The add request is sent to the Merchant Interaction.

M2: the Introduction add request is then sent to the Automatic Merchant Coordinator.

M3, M4: The Account Services pulls up the merchant information after receiving the account request, and then sends the account information to the Automatic Merchant Coordinator.

M5: The introduction need to add is sent to the Introduction of Items.

M6: The introduction request is successfully added, and then sent to the Automatic Merchant Coordinator.

M7: The introduction of the item is added/stored in the Introduction Display on the item Click.

M8: The Confirmation is sent to the Automatic Merchant Coordinator.

M9, M9a: The Automatic Merchant Coordinator sends the confirmation to Merchant Interaction and sends a confirmation to the Inner Notification/ Message Services.

M10: Merchant Interaction outputs the order confirmation to the Merchant.

Message Sequence for Customer Login

M1: The customer provides a user request to Customer Interaction.

M2: Customer Interaction sends the login-request to the Automatic Customer Coordinator.

M3, M4: The Automatic Customer Coordinator sends the Account Information Request to Customer Account Service and then sends the Account Information to Automatic Customer Coordinator.

M5: Automatic Customer Coordinator sends the customers login to Customer Login.

M6: Customer Login sends the Login Approval to Automatic Customer Coordinator.

M7: Automatic Customer Coordinator sends the login success confirmation to Customer Interaction.

M8: Customer Interaction outputs the login success to the customer.

Message Sequence for Make Order and Service Request

M1: The Customer provides order request to Customer Interaction.

M2: Customer Interaction sends the order request to Automatic Customer Coordinator.

M3, M4: Automatic Customer Coordinator sends the account request to Customer account Service and receives the account information.

M5: Automatic Customer Coordinator sends the authorization of payment option to Payment Services.

M6: Payment Services sends the payment method approval to Automatic Customer Coordinator.

M7, M8: Automatic Customer Coordinator sends the store order to Delivery Order Services and receives the Order Confirmation.

M9, M9a: Automatic Customer Coordinator sends the order confirmation to Customer Interaction and sends tracking information to email.

M10: Customer Interaction outputs the order confirmation to the customer.

Message Sequence for Merchant add items and services provided

M1: Merchant provides an item change request to Merchant Interaction.

M2: Merchant Interaction sends the status change and items change request to Coordinator for Merchant only.

M3, M4: Coordinator for Merchant only sends the account request to Merchant Account Service and receives the Account Information.

M5: Coordinator for Merchant only sends the item information add/delete/modify is sent to Item Information Updated.

M6: Item Information Updated sends a status report to Coordinator for Merchant only.

M7, M8: Coordinator for Merchant only sends the item change validity to the Item/Services Validity Check and receives the Confirmation on items changed.

M9, M9a: Coordinator for Merchant only sends the item change confirmation to the Merchant Interaction and sends an inner notification.

M10: Merchant Interaction outputs the Confirmation to the merchant.

Message Sequence for Merchant Login

M1: The Merchant provides a user request to Merchant Interaction.

M2: Merchant Interaction sends the login-request to the Merchant Coordinator.

M3, M4: The Merchant Coordinator sends the Account Request to Merchant Account Service and then sends the Account Information to Merchant Coordinator.

M5: Merchant Coordinator sends the customers login to Merchant Login.

M6: Merchant Login sends the Login Approval to Merchant Coordinator.

M7: Merchant Coordinator sends the login success confirmation to Merchant Interaction.

M8: Merchant Interaction outputs the login success to the Merchant.

Message Sequence for Merchants Processing Order

M1: The Customer provides info to Merchant Interaction

M2: Merchant Interaction sends the order request and account info to the Order Coordinator.

M3, M4: Order Coordinator sends the account request to Customer Account Service and receives the account information.

M5: Order Coordinator sends the payment authorization to the Payment Processor.

M6: Payment Processor approves or denies the payment and sends it to the Order Coordinator.

M7, M8: Order Coordinator sends order confirmation/delivery time to Delivery Service and receives the Confirmation of Order.

M8A: Order Coordinator is sent to the Email Service.

M9: Order Coordinator sends the order confirmation to the Merchant Interaction

M10: Merchant Interaction outputs the order confirmation to the customer.