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Team Kick \*

CSCI 430

Internal vs. External Use Cases for Project 1

**Use Case: Add Client**

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| Actions performed by Actor | Responses from the System |
| 1.) A client requests to be added to the system.  2.) The clerk issues a request to the system to add a new client.  4.) The clerk enters the requested client information.  6.) The clerk responds by entering a new client, or requesting to exit.  8.) The clerk issues the generated client ID to the new client. | 3.) The system requests client information such as name, phone, address, etc...  5.) The system reads in the client information and generates a client ID number and issues the ID to the clerk. The system checks if another client is to be added.  7.) The system reads response, and if a new client is to be added, jumps to step 3, otherwise exits. |
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**Use Case: Add Manufacturer**

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| Actions performed by Actor | Responses from the System |
| 1.) A manufacturer requests to be added to the system.  2.) The clerk issues a request to the system to add a new manufacturer.  4.) The clerk enters the requested manufacturer information.  6.) The clerk responds by entering a new manufacturer, or requesting to exit.  8.) The clerk issues the generated manufacturer ID to the new manufacturer. | 3.) The system requests manufacturer information such as name, phone, address, etc...  5.) The system reads in the manufacturer information and generates a manufacturer ID number and issues the ID to the clerk. The system checks if another manufacturer is to be added.  7.) The system reads response, and if a new manufacturer is to be added, jumps to step 3, otherwise exits. |
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**Use Case: Add Product**

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| Actions performed by Actor | Responses from the System |
| 1.) The warehouse requests a new product to be added to the system.  2.) The clerk will issue a request to the system to add the product.    4.) The clerk inputs the requested product information.  6.) The clerk enters yes or no.  9.) The clerk enters yes for a new product, or no to exit. | 3.) The system requests the required product information such as product name and manufacturer    5.) The system records the product information and checks to ensure the manufacturer is in the system. If it is, go to step 8. If not, ask clerk if manufacturer name is incorrect.  7.) If yes, go to step 3, otherwise exit program.  8.) The system then assigns the product to the manufacturer and asks if more products will be added.   10.) If a new product is requested, move to step 3, otherwise exit the system. |
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**Use Case: Add/Delete Manufacturer from Supplier List**

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| Actions performed by Actor | Responses from the System |
| 1.) Manufacturer requests to add or delete product.  2.) Clerk makes a request to change supplier list.  4.) The clerks enters product id and manufacture id.  6.)The clerk enters yes or no.  8.) The clerk notifies the manufacture and exits. | 3.) The system asks for the product id and manufacturer id.  5.) If the product is associated with the manufacture, ask clerk if they want to delete that product from the manufacture. Otherwise ask the clerk if they want to add that product to the manufacture.  7.) If the clerk says yes, the product is removed from the system or add to the system based on decision made in step 5. Otherwise notify the clerk product is either associated or not associated with the manufacture. |
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Use Case: Process an order from customer

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| Actions performed by Actor | Responses from the System |
| 1.) The customer makes an order with the warehouse.  2.) The clerk makes a request to accept an order.  4.) The clerk enters the order id into the system.  7.) The clerk enters yes or no.  9.) The clerk accepts the order and notifies warehouse of the order and customer of any removed products. | 3.) The system asks the clerk for the order id.  5.) The system reads in the id. If the id is valid go to step 6.  Otherwise, the system notifies the clerk of a bad order id and goes to step 3.  6.) If more products are on the order, ask clerk to verify next product on the order. Otherwise go to step 9.  8.) If clerk entered yes go to step 6. Otherwise remove product from order and go to step 6. |
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Use case: Accept an order from customer

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| Actions performed by Actor | Responses from the System |
| 1.) Customer requests to order products from client.  2.) Clerk issues a request to the system to place an order.  4.) The clerk enters the customer id.  7.) The clerk enters the next product on the order. Otherwise go to step 9.  9.) Notify customer that the order has been placed into the system. | 3.) The system asks for the customer id.  5.) If the customer id is valid, generate an order id and go to step 6. Otherwise notify clerk of bad customer id and go to step 3. After three failed attempts exit the system.  6.) Ask the clerk to enter the next product on the order.  8.) If the product is valid place on order and return to step 6.  Otherwise notify clerk of bad product and return to step 6. |
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Use case: Place an order with a manufacturer

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| Actions performed by Actor | Responses from the System |
| 1.) Clerk requests to make an order with a manufacturer.  3.) Clerk enters the manufacture's name and order number.  6.) If there is more products on the order, the clerk enters the next product id and quantity. Otherwise goes to step 8.  8.) The clerk notifies the manufacture that an order has been placed. | 2.) System asks for manufacturer name, and order number.  4.) The system reads the date. If the data is valid go to step 5.  Otherwise notify clerk of invalid data and jump to step 2.  After three fails the system exits.  5.) The system asks the clerk to enter the product id and quantity.  7.) The system checks product Id. If the id is valid the system accepts the order. Otherwise notify clerk of bad product id and return to step 5. |
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Use case: Accept payment from a customer

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| Actions performed by Actor | Responses from the System |
| 1.) Customer requests to make a payment on their account.  2.) The clerk issues a request with the system to make a payment on the client account.  4.) The clerk enters the customer ID.  6.) The clerk enters the payment amount. | 3.) The system requests the clients ID.  5.) The system verifies the ID and if invalid jumps to step 3. System will exit after 3 failed attempts. The system asks for the amount of payment.  7.) If the requested payment is greater than the balance, the system displays an error that payment can only be for the current amount due or less and requests a new amount, go to step 6. Otherwise the system applies the payment amount to the client account. If remaining balance is not $0, then the system notifies the clerk that the account still has a balance, otherwise the customer account is in good standing. |
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Use case: Accept shipment from supplier

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| Actions performed by Actor | Responses from the System |
| 1.) Warehouse receives order from manufacturer.  2.) Clerk updates system with new shipment.  5.) The clerk responds yes or no. | 3.) The system updates the product inventory and checks for products on the wait list.  4.) The system displays the next item on the wait list and asks the clerk to fulfill the order.  6.) If the clerk responds yes, the order is fulfilled and inventory updated. If not, the order is not fulfilled. If there are more items on the wait list, jump to step 4, otherwise exit. |
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