

Use case name	Create New Customer Order
ID	2.0
Summary	The AIP system must allow an authorized sales staff to <b>create a new customer order</b> . Each customer order contains the customer information (customer number and complete address for shipping and billing) and one or more parts to buy. Each detail line must show the part number, part description, purchase quantity and sub-total for each part. The customer order must also contain the total amount for the order, including a 10% shipping and handling charge. Please do not include a tax amount. After the customer order is created, the system provides options for the sales staff to send the order to the customer via email and/or to save it as a .pdf file. Also, after the customer order is created/saved, the system sets the order status to “created” with the date and time that it was created. The system then updates the customer account with the newly “created” customer order.
Primary Actor(s)	Authorized Sales Staff
Secondary Actor(s)	None
Pre-Conditions	<ol style="list-style-type: none"> <li>1. Sales Staff successfully logs in</li> <li>2. Customer Must Exist</li> <li>3. Items Must exist</li> </ol>
Main Flow	<ol style="list-style-type: none"> <li>1. This use case begins when the buyer chooses to “Create a New Customer Order”</li> <li>2. Customer Number is auto filled</li> <li>3. The sales staff must enter the following data: <ol style="list-style-type: none"> <li>a. Customer Name</li> <li>b. Shipping and Billing Address <ol style="list-style-type: none"> <li>i. Street Address</li> <li>ii. City</li> <li>iii. State</li> <li>iv. Zip Code</li> </ol> </li> <li>c. One or more parts to buy</li> </ol> </li> </ol>

	<ul style="list-style-type: none"> <li>i. Search Through items and pick quantity to buy</li> <li>d. Detail Lines of items are displayed <ul style="list-style-type: none"> <li>i. Part name</li> <li>ii. Part number</li> <li>iii. Part description</li> <li>iv. Quantity</li> <li>v. Sub-total for each part</li> </ul> </li> <li>e. Displays the total amount of the order</li> <li>f. Displays the 10% shipping and handling charge.</li> </ul> <p>4. Case 1: Submit</p> <ul style="list-style-type: none"> <li>a. The system provides the sales staff with the options to send the order via email or save it as a .pdf file</li> <li>b. The order's status is changed to "created" with the date and time it was created</li> <li>c. The system Updates the customers account with the "newly" created order</li> </ul> <p>5. Case 2: Cancel</p> <ul style="list-style-type: none"> <li>a. The system asks for a confirmation to cancel the creation of the order</li> <li>b. Once the sales staff confirms the system takes the sales staff back to the dashboard.</li> </ul>
Post conditions	<ul style="list-style-type: none"> <li>1. Customer order is created</li> <li>2. Order is stored in database</li> <li>3. Customers account is updated</li> </ul>
Alternative flow	Cancel. See case 2 in main flow

Use Case Name:	Create New Shipment
ID:	2.0
Summary:	<p>The AIP system must allow an authorized warehouse staff to <b>record a new shipment</b> for a customer order by capturing shipment date, time, number of boxes, the carrier, and the carrier's waybill number – one shipment for one customer order. Before recording the shipment, the carrier must exist in the system. Each carrier has a unique carrier number, carrier name, complete address and phone number. After the warehouse staff confirms to ship, the system automatically generates a shipment number and updates the customer order status to "shipped" with the date and time of the shipment. The system also notifies the customer and the Accounts Receivable (A/R) accounting system that the customer order has been "shipped."</p>
Primary Actor(s):	Authorized Warehouse Staff
Secondary Actor(s):	None
Pre-Conditions:	<ol style="list-style-type: none"> <li>1. Carrier must exist in system <ol style="list-style-type: none"> <li>a. Unique Carrier number</li> <li>b. Carrier Name</li> <li>c. Street Address</li> <li>d. City</li> <li>e. State</li> <li>f. Zip Code</li> <li>g. Carrier Phone number</li> </ol> </li> <li>2. Warehouse Staff successfully logs in to system</li> <li>3. Customer Order must exist</li> </ol>
Main Flow:	<ol style="list-style-type: none"> <li>1. Warehouse Staff Chooses "Record a New Shipment"</li> <li>2. Warehouse Staff selects a "Created Customer Order"</li> <li>3. The following data is double checked for correctness <ol style="list-style-type: none"> <li>a. Shipment date and time</li> <li>b. Number of boxes</li> <li>c. The carrier</li> <li>d. The carrier's waybill number</li> </ol> </li> </ol>

	<ol style="list-style-type: none"> <li>4. Case 1: Confirm <ol style="list-style-type: none"> <li>a. The warehouse staff confirm to ship order</li> <li>b. The system automatically generates a shipment number</li> <li>c. Updates customer order status to "shipped" with the date and time</li> <li>d. System also notifies customer and Accounts Receivable accounting system that the order has been "shipped"</li> </ol> </li> <li>5. Case 2: Cancel <ol style="list-style-type: none"> <li>a. The system asks for confirmation to cancel the shipping the order</li> <li>b. Warehouse Staff confirm the cancel and then are taken back to the dashboard</li> </ol> </li> </ol>
Post-Conditions:	<ol style="list-style-type: none"> <li>1. Customer order Is updated to "shipped"</li> <li>2. Accounts Receivable and customer are notified of the shipment.</li> </ol>
Alternative Flow:	Cancel. See case 2 in main flow