

Actor Description

Actor	Description	Use Case
Customer	Provides input data.	Provides Specific Order Data Approves Transactions Provides Transaction Data
Admin	Moderates ordered products and modifies shipping and handling charges.	Moderate Legacy Data Moderate Transaction Data
Legacy Database	Provides data regarding each product.	Manage Product Data
Credit Card Transaction System	Confirms and processes specified transaction(s).	Processes Transaction Data
Warehouse Receiving Desk	Updates current and new product data	Load Data, Input Data

Use Case Description

Selects Items Based On Product Description

Actors	Customer, Legacy Database
Description	The Customer will select specific products within the Legacy Database.
Data	Customers account and selection data.
Stimulus	Customer(s) selects item(s) based on product data.
Response	Item(s) are associated with customer(s).
Comments	ProductID(s) are associated with AccountID(s).

Observe Specified Items Ordered

Actors	Customer, Admin
Description	The Administrator is able to oversee all items ordered by Customers.
Data	Specific order data related to specific customer(s).
Stimulus	Orders are being processed.
Response	Admin monitors all orders.
Comments	All customers have an AccountID that is associated with an OrderID. OrderID(s) are associated with a ProductID(s).

Authorizes Transactions For Specific Orders

Actors	Customer, Credit Card Transaction System
Description	The Customer provides payment information and the Credit Card Transaction System processes the transaction.
Data	Customer provides input data. The Credit Card Transaction System processes the transaction data.
Stimulus	Customer finalizes the order by providing payment information.
Response	Customer receives an authorization number.
Comments	Each transaction is identified with a TransactionID and each transaction is associated with an AccountID which is associated with a Customer.

Orders Products For Specified Order

Actors	Customer, Legacy Database, Credit Card Transaction System
Description	The Customer, Credit Card Transaction System, and the Legacy Database ensure proper data correlation regarding an order.
Data	Customer input data(product selection), payment information, and Legacy Database data regarding products
Stimulus	Customer approves of payment transaction.
Response	Legacy Database data is updated and Credit Card Transaction System processes transaction data.
Comments	An OrderID is provided for each order which correlates to an AccountID, ProductID, and a TransactionID.

Update Part Inventory Based on New Product Delivery or Quantity

Actors	Legacy Database, Warehouse Receiving Desk
Description	The Warehouse Receiving Desk is able to update the Legacy Database regarding product stock quantity and update product listing.
Data	Numerical data regarding product stock are updated based on their description or part number.
Stimulus	New product delivery or new shipment of existing products.
Response	New product(s) are added and or updated product quantities are updated to the Legacy Database by the Warehouse Receiving Desk
Comments	Products can be identified by their Description, PartName, or PartID in the Legacy Database.

Changes Ship and Handling Charges

Actors	Admin, Legacy Database
Description	The Admin can set or change shipping and handling charges for all existing products in the Legacy Database.
Data	Numerical data regarding shipping and handling fees can be modified for all products that exist in the Legacy Database.
Stimulus	Admin changes shipping or handling fees regarding single or multiple product(s)
Response	Shipping and handling fees are updated within the Legacy Database.
Comments	All products in the Legacy Database have a FeeID.

Use Case Diagram

