

Group 2B: Ojas, Wesley, Hal, and Drake

Actors

Actor	Description	Use Case(s)
Company HQ	A collection of employees which hosts the in-house system and is in charge of revising and sanctioning finalized quotes	Edit finalized quote, sanction finalized quote, convert quote to purchase order
Purchase Order Processing System	A system which processes purchase orders and answers with a processing date and sales commission rate for the sales associate	Convert quote to purchase order
Sales Associate	Employee responsible for uploading sales quotes to the quote database.	Record/edit sales quote, finalize sales quote
Database Administrator	Authorized employee responsible for maintaining sales associate and quote data.	View and edit sales associate data, search for and view quotes
Customer Info Legacy Database	Contains customer data, such as customer name, address, and contact info	Record/edit sales quote

Use Cases

Record/edit sales quote

Actor(s)	Sales Associate, Customer Info Legacy Database
Description	A sales associate is able to both create new quotes and edit existing quotes. Information relevant to the customer whom the quote is for is stored in an external customer information database.
Data	Quote descriptions, prices, secret notes attached to the quote, customer information
Stimulus	Sales associate accesses the system to add/update a quote for a customer
Response	Quote information is stored in the internal quote database
Comments	

Finalize Sales Quote

Actor(s)	Sales Associate
Description	The sales associate sets the status of the quote to some finalized state. From that point on the sales associate cannot edit the quote anymore and can only be edited by the Company HQ. Quote information is maintained in the quote database, and customer information is maintained in the customer legacy database.
Data	Customer information, order information, sales associate rates,
Stimulus	Sales Associate updates the status of the quote after entering all necessary quote information
Response	Confirm that the quote should be finalized, quote becomes uneditable
Comments	The company HQ and database admin are the only ones who have access to the quote database

Edit Finalized Quote

Actor(s)	Company HQ
Description	The Company HQ can look at all quotes that are logged by the sales associates in the business. They also hold the power to determine the final price before the power plant ships out to the consumer. They make last minute adjustments when need be.

Data	Customer information, Order information, price, sales associate information
Stimulus	Sales associate submits the finalized quote
Response	Company HQ can edit the final quote if need be depending on the situation, causing a price change
Comments	Company HQ ultimately holds the final decision whether a price changes or not

Sanction finalized quote

Actor(s)	Company HQ
Description	The Company HQ confirms the final price after they made their changes (if necessary). The details of the quote are emailed to the customer.
Data	Customer information, customer email, sanctioned quote information
Stimulus	When the Company HQ confirms the final quote
Response	Confirms to the company HQ that the email was sent. Company HQ then confirms the quote and then undergoes the process to change into a purchase order.
Comments	This is the process of confirming the final price of the product ordered

Convert quote to purchase order

Actor(s)	Company HQ, Purchase Order Processing System
Description	Company HQ converts a sanctioned quote into a purchase order. An additional final discount can be applied. The final amount is computed. The purchase order is then sent to the Purchase Order Processing System, which returns data about the processing. An email is sent to the customer about the processing.
Data	quote information, quote status, purchase details, customer email
Stimulus	Company HQ begins conversion process
Response	Confirmation that quote has been converted. The Purchase Order Processing System returns with the processing date and sales commission.
Comments	Company HQ begins conversion only after receiving customer approval (given outside scope of this system). The sales commission is stored and accessible by the Database Administrator

View and edit sales associate data

Actor(s)	Database administrator
Description	The database administrator can view and edit sales associate information whenever a purchase is completed or a new sales associate joins the company. The database administrator can edit sales associate data based on commission rates from new orders.
Data	Purchase order response information (commission rate information, processing date, sales associate info, customer info)
Stimulus	New sales associate joins the company, a purchase order was completely processed
Response	The system confirms that the database was updated with the new information entered into the system.
Comments	

Search for and view quotes

Actor(s)	Database Administrator
Description	Database administrator can search and view quotes based on status (finalized, sanctioned, ordered), date range, sales associate, and customer.
Data	all quotes
Stimulus	Database administrator makes a search or accesses quote data
Response	Displays information for the requested quotes
Comments	