

file:///C:/Users/nouba/IdeaProjects/RestAssured-API-Testing/src/test/resources/features/create\_quote.feature

Feature: Create a New Quote

As a sales representative  
I want to create a new quote for a customer  
So that I can provide them with pricing and product details quickly

Background:

- Given the quote api service is running

@AC\_1

Scenario Outline: : Successfully create a new quote with one item for a customer

- Given a customer "<customer\_name>"
- And one item "<item\_name>" with the quantity <quantity>, the unitary price <price>, and a percentage of <discount>
- When I create a quote for that customer with that items
- Then it returns the quote with the correct details, including the total line price calculated as <total\_line\_price>,
- And a confirmation message "Quote created successfully."

Examples:

	customer_name	item_name	quantity	price	discount	total_line_price
✓	Noushin	Product A	2	10.00	0.0	20.00
✓	Noushin	Product B	3	15.00	0.0	45.00

@AC\_2

Scenario Outline: Successfully create a new quote with one item with discount for a customer

- Given a customer "<customer\_name>"
- And one item "<item\_name>" with the quantity <quantity>, the unitary price <price>, and a percentage of <discount>
- When I create a quote for that customer with that items
- Then it returns the quote with the correct details, including the discount amount <discount\_amount> and the total lineprice <total\_line\_price>
- And a confirmation message "Quote created successfully."

Examples:

	customer_name	item_name	quantity	price	discount	discount_amount	total_line_price
✓	Noushin	Product B	3	15.00	0.05	2.25	42.75
✓	Noushin	Product C	2	50.00	0.1	10.00	90.00

@AC\_3

**Scenario Outline:** Successfully create a new quote with two items for a customer

- ✓ **Given** a customer "<customer\_name>"
- ✓ **And** one item "<item\_A>" with the quantity <quantity\_A>, the unitary price <price\_A>, and a percentage of 0
- ✓ **And** one item "<item\_B>" with the quantity <quantity\_B>, the unitary price <price\_B>, and a percentage of 0
- ✓ **When** I create a quote for that customer with that items
- ✓ **Then** the response status code is 200
- ✓ **Then** it returns the quote with the correct details, including two lines and the total quote price calculated as <total\_quote\_price>
- ✓ **And** a confirmation message "Quote created successfully."

**Examples:**

	customer_name	item_A	quantity_A	price_A	item_B	quantity_B	price_B	total_quote_price
✓	Noushin	Product A	2	30.00	Product B	3	20.00	120.00
✓	Noushin	Product X	5	10.00	Product Y	1	100.00	150.00

@AC\_4

**Scenario Outline:** Successfully create a new quote with two items with discount for a customer

- ✓ **Given** a customer "<customer\_name>"
- ✓ **And** one item "<item\_A>" with the quantity <quantity\_A>, the unitary price <price\_A>, and a percentage of <discount\_A>
- ✓ **And** one item "<item\_B>" with the quantity <quantity\_B>, the unitary price <price\_B>, and a percentage of <discount\_B>
- ✓ **When** I create a quote for that customer with that items
- ✓ **Then** it returns the quote with the correct details, including two lines and the total quote price calculated as <total\_quote\_price>
- ✓ **And** a confirmation message "Quote created successfully."

**Examples:**

	customer_name	item_A	quantity_A	price_A	discount_A	item_B	quantity_B	price_B	discount_B	total_quote_price
✓	Noushin	Product A	2	100	0.1	Product B	3	20.00	0.5	210.00

@AC\_5

**Scenario Outline:** Create a quote with missing customer name

- ✓ **Given** a customer ""
- ✓ **And** one item "<item\_name>" with the quantity <quantity>, the unitary price <price>, and a percentage of 0
- ✓ **When** I create a quote for that customer with that items
- ✓ **Then** the response status code is 400
- ✓ **And** the error message "Customer or Items cannot be null or empty"

**Examples:**

	item_name	quantity	price
✓	Product A	2	10.00

@AC\_6

**Scenario Outline:** Create a quote with invalid quantity

- ✓ **Given** a customer "<customer\_name>"
- ✓ **And** one item "<item\_name>" with the quantity <quantity>, the unitary price <price>, and a percentage of 0
- ✓ **When** I create a quote for that customer with that items
- ✗ **Then** the response status code is 400

**Examples:**

	customer_name	item_name	quantity	price
✖	Noushin	Product B	-100	15.00
✖	Noushin	Product C	-5	10.00

@AC\_7

**Scenario Outline:** Create a quote with invalid price

- ✔ **Given** a customer "<customer\_name>"
- ✔ **And** one item "<item\_name>" with the quantity <quantity>, the unitary price <price>, and a percentage of 0
- ✔ **When** I create a quote for that customer with that items
- ✖ **Then** the response status code is 400

**Examples:**

	customer_name	item_name	quantity	price
✖	Noushin	Product C	2	-10.00
✖	Noushin	Product D	3	-5.00

@AC\_8

**Scenario Outline:** Create a quote with zero price

- ✔ **Given** a customer "<customer\_name>"
- ✔ **And** one item "<item\_name>" with the quantity <quantity>, the unitary price 0, and a percentage of 0
- ✔ **When** I create a quote for that customer with that items
- ✖ **Then** the response status code is 400

**Examples:**

	customer_name	item_name	quantity
✖	Noushin	Product C	2
✖	Noushin	Product D	3

@AC\_9

**Scenario Outline:** Create a quote with discount exceeding 100%:

- ✔ **Given** a customer "<customer\_name>"
- ✔ **And** one item "<item\_name>" with the quantity <quantity>, the unitary price <price>, and a percentage of <discount>
- ✔ **When** I create a quote for that customer with that items
- ✖ **Then** the response status code is 400

**Examples:**

	customer_name	item_name	quantity	price	discount
✖	Noushin	Product B	3	15.00	1.1