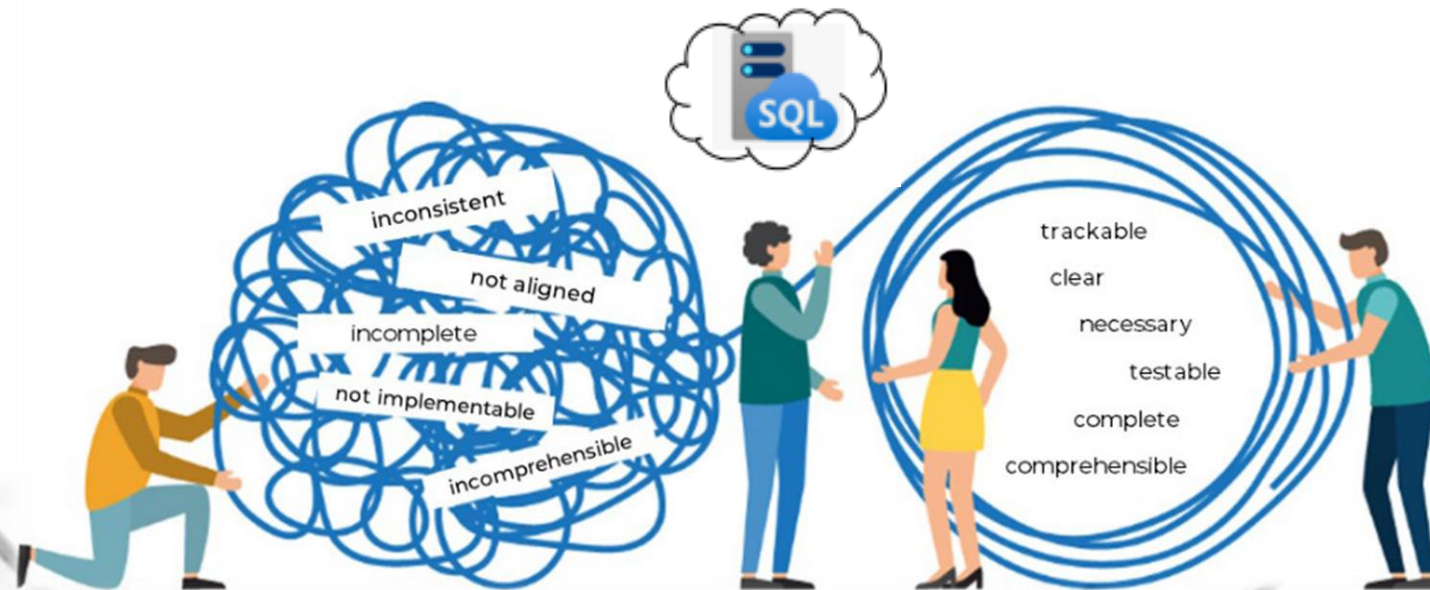


SQL & REQUIREMENTS

Bad
Requirements

Good
Requirements



Holembiovska Natalia

10. Show first, last names and ages of 3 eldest employees.

```
SELECT FirstName, LastName,
TIMESTAMPDIFF(YEAR, BirthDate, NOW()) AS Age
FROM Employees
ORDER BY TIMESTAMPDIFF(YEAR, BirthDate, NOW()) DESC LIMIT 3
```

	ABC FirstName	ABC LastName	123 Age
1	Margaret	Peacock	74
2	Nancy	Davolio	63
3	Andrew	Fuller	59



17. Show the count of orders made by each customer from France

```
SELECT Customers.CompanyName, COUNT(Orders.OrderID) AS Count_orders_France
FROM Customers
LEFT JOIN Orders ON Customers.CustomerID=Orders.CustomerID
WHERE Customers. Country='France'
GROUP BY Customers.CompanyName
```

	ABC CompanyName	123 Count_orders_France
1	BlondesddsI père et fils	11
2	Bon app'	17
3	Du monde entier	4
4	Folies gourmandes	5
5	France restauration	3
6	La corne d'abondance	4
7	La maison d'Asie	14
8	Paris spécialités	0
9	Spécialités du monde	4
10	Victuailles en stock	10
11	Vins et alcools Chevalier	5

Customers	
ABC CustomerID	char(5)
ABC CompanyName	varchar(40)
ABC ContactName	varchar(30)
ABC ContactTitle	varchar(30)
ABC Address	varchar(60)
ABC City	varchar(15)
ABC Region	varchar(15)
ABC PostalCode	varchar(10)
ABC Country	varchar(15)
ABC Phone	varchar(24)
ABC Fax	varchar(24)

Orders	
123 OrderID	int(11)
ABC CustomerID	char(5)
123 EmployeeID	int(11)
OrderDate	datetime
RequiredDate	datetime
ShippedDate	datetime
123 ShipVia	int(11)
123 Freight	decimal(19,4)
ABC ShipName	varchar(40)
ABC ShipAddress	varchar(60)
ABC ShipCity	varchar(15)
ABC ShipRegion	varchar(15)
ABC ShipPostalCode	varchar(10)
ABC ShipCountry	varchar(15)

```
SELECT DISTINCT Products.ProductName, Products.UnitPrice, Order_Details.UnitPrice AS Historical_Price
FROM Products
LEFT JOIN Order_Details ON Products.ProductID=Order_Details.ProductID
GROUP BY Products.ProductName
ORDER BY Products.ProductName
```

28. Show the **list of product names** along with **unit prices** and the **history of unit prices** taken from the orders (show 'Product name – Unit price – Historical price'). The duplicate records **should be eliminated**. If no orders were made for a certain product, then the result for this product should look like 'Product name – Unit price – NULL'. Sort the list by the product name.

Products(+)

SELECT Products.ProductName, Products.UnitPrice, Order_Details.UnitPrice AS Historical_Price

	ProductName	UnitPrice	Historical_Price
1	Alice Mutton	39.0000	31.2000
2	Aniseed Syrup	10.0000	8.0000
3	Boston Crab Meat	18.4000	14.7000
4	Camembert Pierrot	34.0000	27.2000
5	Carnarvon Tigers	62.5000	50.0000
6	Chai	18.0000	14.4000
7	Chang	19.0000	15.2000
8	Chartreuse verte	18.0000	14.4000
9	Chef Anton's Cajun Seasoning	22.0000	17.6000
10	Chef Anton's Gumbo Mix	21.3500	17.0000
11	Chocolade	12.7500	10.2000
12	Côte de Blaye	263.5000	210.8000
13	Escargots de Bourgogne	13.2500	10.6000
14	Filo Mix	7.0000	5.6000
65	Spegesild	12.0000	9.6000
66	Steeleye Stout	18.0000	14.4000
67	Tarte au sucre	49.3000	39.4000
68	Teatime Chocolate Biscuits	9.2000	7.3000
69	test	4.0000	[NULL]
70	testSP	0.0000	[NULL]
71	Thüringer Rostbratwurst	123.7900	99.0000
72	Tofu	23.2500	18.6000
73	Tourtière	7.4500	5.9000
74	Tunnbröd	9.0000	7.2000
75	Uncle Bob's Organic Dried Pears	30.0000	24.0000
76	Valkoinen suklaa	16.2500	13.0000
77	Vegie-spread	43.9000	35.1000
78	Wimmers gute Semmelknödel	33.2500	26.6000
79	Zaanse koeken	9.5000	7.6000

Products	
123 ProductID	int(11)
ABC ProductName	varchar(40)
123 SupplierID	int(11)
123 CategoryID	int(11)
ABC QuantityPerUnit	varchar(20)
123 UnitPrice	decimal(19,4)
123 UnitsInStock	smallint(6)
123 UnitsOnOrder	smallint(6)
123 ReorderLevel	smallint(6)
123 Discontinued	tinyint(4)

Order_Details	
123 OrderID	int(11)
123 ProductID	int(11)
123 UnitPrice	decimal(19,4)
123 Quantity	smallint(6)
123 Discount	float

```
SELECT *
FROM Employees
```

35. Delete one of your records (first run the SELECT statement to check whether you are deleting the appropriate record!).

```
DELETE FROM Employees
WHERE EmployeeID = 13
```

```
SELECT *
FROM Employees
WHERE EmployeeID=13
```

Statistics

DELETE FROM Employees WHERE EmployeeID = 1

Name	Value
Updated Rows	1
Query	DELETE FROM Employees WHERE EmployeeID = 13
Finish time	Tue Jan 25 15:32:05 EET 2022

Clarification letter to PO



F-138.QC / IFMQCBB-14

As User (any role) I want to see the information about me on the 'User Info' tab



OMS Project, Clarification 'Customer type' boundary values and view information about user on the 'User Info' tab to User story IFMQCBB-14

1 повідомлення

Наталя Голембійовська <nata.holembiowska@gmail.com>
Кому: olga.zaviiska91@gmail.com

Dear Ms. Olga Zaviiska.

We are working on user story IFMQCBB-14 'As User (any role) I want to see the information about me on the 'User Info' tab' for the 'OMS' web application and we faced two moments that should be clarified:

1. Requirement states: Customer type is assigned according to total orders sum:

Standard: 0-1000
Silver: 1000-3000
Gold: 3000-10000
Platinum: 10000+

We have same boundary values for different customer type and we recommend two ways to implement values for customer types:

a) Standard: 0-999	b) Standard: 0-999
Silver: 1000-2999	Silver: 1000-4999
Gold: 3000-9999	Gold: 5000-9999
Platinum: 10000+	Platinum: 10000+

This way we don't have any inconsistencies that can lead to conflict situations with customers in the future.

Please let us know your thoughts.

2. Requirement states: There are 4 fields: 'First Name', 'Last Name', 'Customer Type' and 'Role' on this page.

Could you please clarify which fields should be on the 'User Info' page and in what order?

- a) 'First Name', 'Last Name', 'Customer Type' and 'Role' (as mentioned in the user story)
b) 'User name', 'Role', 'Customer Type' and 'Account balance' (as mentioned in the mock-up)

Please let us know how we should proceed with this.

We are waiting forward to your clarifications and comments.

Best wishes,
Natalia Holembiowska
QC engineer
OMS Project

The 'User Info' tab allows user to view information about himself. There are 4 fields:

'First Name', 'Last Name', 'Customer Type' and 'Role' on this page.

This information is remembered from Users' system registration.

Customer type is assigned according to total orders sum:

Standard (no discount):	0-1000
Silver (5% discount):	1000-5000
Gold (10% discount):	5000-10000
Platinum (15% discount):	10000+

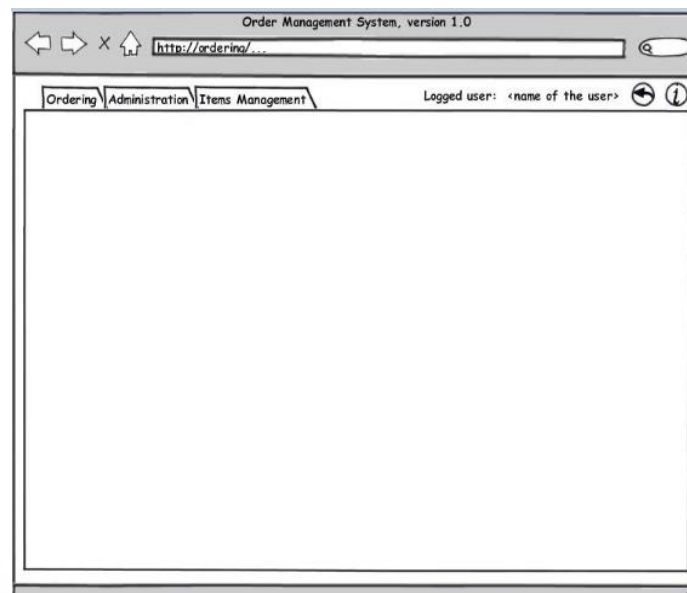
The image for this page is attached.

The 'User Info' tab allows user to view information about himself. There are 4 fields:

'First Name', 'Last Name', 'Customer Type' and 'Role' on this page.

This information is remembered from Users' system registration.

Customer type is assigned according to total orders sum:



User Info	
User Name	osavchyn
Role	Administrator
Customer Type	Silver
Account Balance	2000\$

* Need to spend 1000\$ more to become a Gold type of customer

Each user of the application can take a look at his personal info. Just need to click icon on web and user will have an ability to see his name, role and type. Also his balance (how much he spend bying products through the application) and how much left to become next Customer Type. This information can not be edited (just viewed).

Ranges for each Customer Type are the following: 1) Standard (0\$ - 1000\$); 2) Silver (1000\$ - 3000\$); 3) Gold (3000\$ - 10000\$); 4) Platinum (10000\$ - ...).



As a Supervisor I want to delete some particular product from the list of existing products

Description

General

By pressing on 'Delete' link of the product on 'Item Management' tab supervisor is able to delete product.
When user presses this link dialog box with confirmation message should appear.

- If user clicked on 'Ok' button, corresponding product and all its' properties are deleted and removed from database.
- If user clicked 'Cancel' or **Exit** button dialog box disappears and no products or data is affected

Acceptance criteria

1. Supervisor can delete existing product



IF-138.QC / IFMQCBB-352

[OMS Button] 'Exit' button on the dialog box

334 of 336

[Edit](#) [Comment](#) [Assign](#) [More](#) [Start Progress](#) [Resolve Issue](#) [Close Issue](#)

[Export](#)

Details

Type:	Clarification	Status:	OPEN (View Workflow)
Priority:	Medium	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	None
		Security Level:	All
Labels:	IFMQCBB-27 OMS		
Environment:	Windows 8x64 Firefox 95.0.2		
Epic Link:	Managing products		
Sprint:	HW4 Requirement Analysis		

Description

'Exit' button is a button to close the dialog box and placed at the top of dialog box?
Please clarify it.

Attachments

Issue Links

relates to [IFMQCBB-27](#) As a Supervisor I want to delete some parti... OPEN

Activity

People

Assignee:	Nataliia Maistruk Assign to me
Reporter:	Natalia56 Holembiovskia
Votes:	0
Watchers:	1 Stop watching this issue

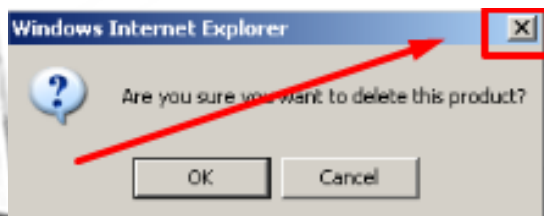
Dates

Created:	Today 9:59 PM
Updated:	Today 9:59 PM

Agile

Active Sprint:	HW4 Requirement Analysis ends 01/Feb/22
View on Board	

Clarification
JIRA



Edit

Comment

Assign

More

Close

Details

Type: Improvement

Priority: High

Affects Version/s: None

Status: OPEN (View Workflow)

Resolution: Unresolved

Fix Version/s: None

Security Level: All

Labels: IFMQCBB-27 OMS

Environment: Windows 8x64
Firefox 95.0.2

Improvement Type: Configuration Management

Sprint: HW4 Requirement Analysis

Epic Link: Managing products

Description

1. We recommend after confirming of the delete operation, delete the relevant record only from the 'Item Management' table on the 'Management' page, but don't removed records from the database on the server, because all related records in the database will be automatically deleted and can't be recovered.

Attachments

Drop files to attach, or browse.

Issue Links

relates to IFMQCBB-27 As a Supervisor I want to delete some particular product from the list of existing produc

People

Assignee: Nataliaia Maistruk
Assign to me

Reporter: Natalia56 Holemblc

Votes: 0

Watchers: 1 Stop watching this i

Dates

Created: Yesterday

Updated: Just now

Date Entered: 26/Jan/22

Agile

Active Sprint: HW4 Requirement Ana

View on Board

Ordering Management System.

Simple. Slim. Genius.

Item Management

User Info

Add Product

Products found: 15

Search by

Field Filter: Name Search

Show 10 items

Name	Description	Price	Edit	Delete
productName1	productDescription1	1.0	Edit	Delete
productName2	productDescription2	2.0	Edit	Delete
productName3	productDescription3	3.0	Edit	Delete
productName4	productDescription4	4.0	Edit	Delete
productName5	productDescription5	5.0	Edit	Delete

First Backward Forward Last

Edit

Comment

Assign

More

Close

Details

Type: Improvement

Priority: Low

Affects Version/s: None

Status: OPEN (View Workflow)

Resolution: Unresolved

Fix Version/s: None

Security Level: All

Labels: IFMQCBB-27 OMS

Environment: Windows 8x64
Firefox 95.0.2

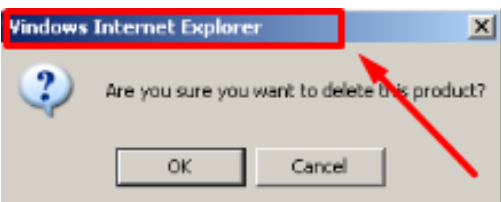
Improvement Type: UI/Usability

Sprint: HW4 Requirement Analysis

Epic Link: Managing products

Description

The caption of the dialog box that confirms the delete operation should be named as Delete Product, it will be better for the user to understand the action.



Update



As a Supervisor I want to add a new product

assignee = currentUser() AND resolution = Unresolved order by updated DESC

Order by Updated

- IFMQCBB-369 [User Storie IFMQCBB-25] Mandatory fields I...
- IFMQCBB-368 [User Storie IFMQCBB-25] Improvement of re...
- IFMQCBB-367 [User Storie IFMQCBB-25] Inconsistency in re...
- IFMQCBB-366 [User Storie IFMQCBB-25] Inconsistency of m...**
- IFMQCBB-365 [User Storie IFMQCBB-25] Alphanumeric char...



IF-138.QC / IFMQCBB-366

[User Storie IFMQCBB-25] Inconsistency of message in relation to entered characters.

Edit Comment Assign More Start Progress Resolve Issue Close Issue

Details

Type: Clarification
Priority: Medium
Affects Version/s: None
Status: OPEN (View Workflow)
Resolution: Unresolved
Fix Version/s: None
Security Level: All
Labels: Clarification
Sprint: HW4 Requirement Analysis

Description

Please specify, what exactly message should appear after the entered text is longer than 13 characters.
Should it be less than 10 or 13 characters?

Attachments

Drop files to attach, or browse.

Issue Links

relates to IFMQCBB-25 As a Supervisor I want to add a new product

People

Assignee: Natalia56 Holembovska
Reporter: Olga Zaviiska
Votes: 1
Watchers: 1

Dates

Created: Today 12:35 PM
Updated: Today 2:51 PM

Agile

Active Sprint: HW4 Requirement Analysis ends 01/Feb/22

View on Board

Clarification letter

Subject: IFMQCBB-25 Managing products

Dear Product owner

During an analysis of User Story IFMQCBB-25 'As a Supervisor I want to add a new product', I have got acquainted with conditions.

Pay attention to conditions to 'Product Description' and 'Product name' text box fields.

Condition:

Message:

Product Name	mandatory, case insensitive and should contain alphanumeric characters and/or numbers up to 13 characters length	If entered text is >13 characters: 'Product name is too long, please enter less than 10 characters'.
Product Description	is optional, can contain special symbols, numbers and alphanumeric characters up to 25 characters length, case insensitive	If entered text is >25 characters: 'Product description is too long, please enter less than 25 characters'.

Could you please clarify: Is it acceptable, the difference in text between condition and error messages about numbers of characters regarding terminology consistency in requirements?

Looking forward to your feedback.

Yours sincerely,
QC student Olha Vilchik

[Update 2022/01/27] Holembovska

IFQCB-25

Field	Condition	Message
Product Name	is mandatory, case insensitive and can contain only alphanumeric characters up to 13 characters length	<ul style="list-style-type: none">If entered characters are invalid: 'Please enter alphanumeric characters'.If entered text is >13 characters: 'Product name is too long, please enter less than 13 characters'.If field is empty and user tries to click on 'OK' button: 'Please enter product name'
Product Description	is optional, can contain special symbols, numbers and alphanumeric characters up to 25 characters length, case insensitive	<ul style="list-style-type: none">If entered text is >25 characters: 'Product description is too long, please enter less than 25 characters'.
Product Price	is mandatory field and can only contain numbers. Integers up to 3 digits length and fractions up to 2 digits length numbers. Integers from 0 to 999 and fractions from 1 to 99 should be delimited by dot.	<ul style="list-style-type: none">If entered characters are invalid: 'Please enter numbers'.* If entered is >999.99 or <0.01: 'Please enter price in range of 0.01-999.99'.If field is empty and user tries to click on 'OK' button: 'Please enter product price'.

Ordering Management System.

Simple. Slim. Genius.

Item Management User Info

Add Product.

Product Name:

Product Description:

Product Price:

OK Cancel

Powered by Google

All error messages should be displayed in red and located next to the appropriate field, the field with invalid data should be highlighted in red.

**THANKS FOR YOUR
ATTENTION**

softserve

