input/query

CPSC 304 Project Group 28

New User? Create Account Here! (Insert)

Username: chris123

Password: woojin

Create account

Update Account Info (Update)

The values are case sensitive and if you enter in the wrong case, the update statement will not do anything.

Old Username: chris123   New Username: chris123

Old Password: woojin   New Password: Woojin

output

Users Table

User ID	Username	Password
user_1	qwe	123
user_2	asd	1234
user_3	zxc	12345
user_4	rty	123456
user_5	vbn	1234567
user_6243cf5abba35	latsyrc5	12345
user_6243d039634c7	chris123	woojin

Users Table

User ID	Username	Password
user_1	qwe	123
user_2	asd	1234
user_3	zxc	12345
user_4	rty	123456
user_5	vbn	1234567
user_6243cf5abba35	latsyrc5	12345
user_6243d039634c7	chris123	Woojin

input/query

output

View All Ingredients

[View Ingredients]

Delete Ingredient (Delete)

Ingredient ID: [ing_3]

[Delete Ingredient]

Ingredient Table

Ingredient ID	Ingredient Name	Amount	Unit
ing_1	Flour	400	g
ing_2	Banana	200	g
ing_3	Mango	80	g
ing_4	Sugar	50	g
ing_5	Water	400	ml
ing_6	Bacon	100	g
ing_7	Tomato	150	g
ing_8	Noodles	500	g
ing_9	Milk	200	ml

Ingredient Table

Ingredient ID	Ingredient Name	Amount	Unit
ing_1	Flour	400	g
ing_2	Banana	200	g
ing_4	Sugar	50	g
ing_5	Water	400	ml
ing_6	Bacon	100	g
ing_7	Tomato	150	g
ing_8	Noodles	500	g
ing_9	Milk	200	ml

input/query

View All Recipes

[View Recipes]

Filter Recipes By Preparation Time! (Selection)

Preparation Time Under: 21 mins

[Search Recipe]

output

Recipe Table

Recipe ID	Recipe Name	Preparation Time	Difficulty
rec_1	Bread	Bread	40
rec_2	Pizza	Pizza	30
rec_3	Mango Cake	Mango Cake	50
rec_4	Banana Smoothie	Banana Smoothie	10
rec_5	Noodles	Noodles	20

Selection Query

Recipe ID	Recipe Name	Preparation Time	Difficulty
rec_4	Banana Smoothie	10	1
rec_5	Noodles	20	2

input/query

output

View Recipe ID, Recipe Name, Preparation Time, or Difficulty for All Recipes (Projection)

Select Recipe Attribute: [Preparation Time ▾]

[View]

Attribute Table
Recipe ID
40
30
50
10
20

input/query

output

List All Ingredients Needed For Your Recipe (join recipeID_Name, requires, ingredient)

Recipe Name: Banana Smoothie

List Ingredients

Find the Recipes with the Lowest Difficulty (Aggregation)

Search

Join Query

Ingredient ID	Ingredient Name	Amount	Unit
ing_2	Banana	200	g
ing_5	Water	400	ml

Aggregation Query

Recipe ID	Recipe Name	Difficulty
rec_4	Banana Smoothie	1

input/query

Count the Number of Ingredients Used For Each Recipe (Nested aggregation)

[View]

Find All Ingredients that Appear in All Recipes (Division)

[View]

output

Nested Aggregation Query

Recipe ID	Recipe Name	Number of Ingredients
rec_4	Banana Smoothie	2
rec_2	Pizza	4
rec_3	Mango Cake	3
rec_5	Noodles	2
rec_1	Bread	3

Division Query

Ingredient ID	Ingredient Name
ing_5	Water