

CPSC 304 Project Cover Page

Milestone #: 4

Date: 5 Aug 2024

Group Number: 20

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Abdulrhman Mohamed	36901149	w3x9a	abdulubc@yahoo.ca
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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

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1. Your completed cover page, as usual.
2. A **single** SQL script that can be used to create all the tables and data in the database. If you are using multiple scripts while developing, ensure you concatenate them and hand in only a **SINGLE** SQL script.
 - a. Non-trivial size: make sure that your queries have some non-trivial answers (e.g., division for only 2 products is trivial)—and the same idea with aggregation (Group By), in general, because you need to have a reasonable number of groups), and you need to have some groups that have more than one row.
 - b. This SQL script should be runnable as is (i.e., if we transferred this file to the undergrad servers, we should be able to run it as is without further tweaking).

3. A PDF file containing:

a. A short description of the final project, and what it accomplished.

The admins can insert, delete, filter out, and view very specific things overall about data present in the system and initial data from the SQL script.

Although we didn't fully complete all planned features, the submitted project shows accomplishments in the area of user management through an admin interface. The application enables admins to perform key operations with secure and efficient SQL queries. We also were not able to implement all of the functionality we hoped to for the user dashboard, but we were able to show the beginning formations of the user dashboard with the ability to update the dashboard for example.

b. A description of how your final schema differed from the schema you turned in. i. If the final schema differed, explain why. Note that turning in a final schema that's different from what you planned is fine, we just want to know what changed and why.

We added an attribute called 'userDescript' for the ProcessedFood entity because we believed it also made sense for the user to describe their experiences with foods, understanding food they enjoyed and maybe even during specific meals for example.

A change was made for 'Admin' to 'AdminApp' as it seems that 'Admin' alone had special properties in SQL, so we changed it to avoid making it the name of the table and possibly cause issues.

We removed the unique characteristic for brand attribute in 'NutritionalValue2' as it did not make sense that a user would not be able to consume more than one specific food for any brand.

An addition of 'userID' was made to the 'ProcMeal' entity, as 'MealEating' has the primary key (mealID, userID) and for the reference to appropriately go through in the SQL script we were required to add it.

For domains, we changed all instances of DATETIME with TIMESTAMP, since the former led to error when trying to start the SQL script.

c. A copy of the schema and screenshots that show what data is present in each relation after the SQL script from item #2 is run.


Recipe(recipeID,
cookTime, recipeName,
steps, recipeCalories)






















*	 RECIPEID	COOKTIME	RECIPENAME	STEPS	RECIPECALORIES
1	R0000001		10 Sunny Side Up Omelet	Step 1: Omelet \r\n End recipe	100
2	R0000002		40 Butter Chicken	Step 1: Butter chicken \r\n End recipe	400
3	R0000003		20 Mixed Caesar Salad	Step 1: MCS \r\n End recipe	100
4	R0000004		60 Chicken Stew	Step 1: Chicken stew \r\n End recipe	300
5	R0000005		25 Egg Fried Rice	Step 1: Egg fried rice \r\n End recipe	300

User1 (height, weights,
BMI)

*	 HEIGHT	 WEIGHTS	BMI
1	1.7	68	23.5
2	1.8	75	23.1
3	1.6	55	21.5
4	1.75	70	22.9
5	1.65	62	22.8
6	1.65	70.2	25.8
7	1.7	80.1	27.7
8	1.49	35.7	16.1
9	2.15	92	19.9
10	1.52	50.1	21.7

User2 (userID, height,
weights, username, age,
gender)


*	 USERID	USERNAME	AGE	GENDER	HEIGHT	WEIGHTS
1	U0000001	Grace	35	female	1.7	68
2	U0000002	Henry	40	male	1.8	75
3	U0000003	Isabel	28	female	1.6	55
4	U0000004	Jack	33	male	1.75	70
5	U0000005	Karen	45	female	1.65	62
6	U0000010	Alice	30	female	1.65	70.2
7	U0000020	Bob	25	male	1.7	80.1
8	U0000030	Charlie	19	(null)	(null)	(null)
9	U0000040	Dan	51	non-binary	1.49	35.7
10	U0000050	Erikson	42	male	2.15	92
11	U0109050	FeralLion	60	female	1.52	50.1

<div>NutritionalValue1(<u>protein</u>, <u>fat</u>, <u>sodium</u>, <u>carbs</u>, nutrCalories)</div>	<table><tr><th></th><th>PROTEIN</th><th></th><th>FAT</th><th></th><th>SODIUM</th><th></th><th>CARBS</th><th>NUTRCALORIES</th></tr><tr><td></td><td>30.2</td><td></td><td>3.6</td><td></td><td>0.8</td><td></td><td>0</td><td>153</td></tr><tr><td></td><td>2.7</td><td></td><td>0.3</td><td></td><td>0.01</td><td></td><td>28</td><td>130</td></tr><tr><td></td><td>0.8</td><td></td><td>0.2</td><td></td><td>0.08</td><td></td><td>8.2</td><td>35</td></tr><tr><td></td><td>0.3</td><td></td><td>0</td><td></td><td>6.7</td><td></td><td>0.7</td><td>4</td></tr><tr><td></td><td>6</td><td></td><td>5</td><td></td><td>0.62</td><td></td><td>0.6</td><td>78</td></tr><tr><td></td><td>4</td><td></td><td>1.5</td><td></td><td>0.55</td><td></td><td>15</td><td>90</td></tr><tr><td></td><td>17</td><td></td><td>36</td><td></td><td>0.95</td><td></td><td>55</td><td>610</td></tr><tr><td></td><td>3</td><td></td><td>15</td><td></td><td>0.07</td><td></td><td>48</td><td>360</td></tr><tr><td></td><td>2</td><td></td><td>11</td><td></td><td>0.05</td><td></td><td>33</td><td>250</td></tr><tr><td></td><td>20</td><td></td><td>18</td><td></td><td>1.05</td><td></td><td>53</td><td>450</td></tr></table>		PROTEIN		FAT		SODIUM		CARBS	NUTRCALORIES		30.2		3.6		0.8		0	153		2.7		0.3		0.01		28	130		0.8		0.2		0.08		8.2	35		0.3		0		6.7		0.7	4		6		5		0.62		0.6	78		4		1.5		0.55		15	90		17		36		0.95		55	610		3		15		0.07		48	360		2		11		0.05		33	250		20		18		1.05		53	450
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AdminApp (userID,
adminLevel)

*	 USERID	ADMINLEVEL
1	U0000001	Beta Tester
2	U0000002	Recipe Writer
3	U0000003	Community Moderator
4	U0000004	Security Administrator
5	U0000005	Database Manager



RegularUser (userID,
subscriptionType)

*	 USERID	SUBSCRIPTIONTYPE
1	U0000010	Free
2	U0000020	Premium
3	U0000030	Free
4	U0000040	Free
5	U0000050	Premium
6	U0109050	Premium



UserDietaryRestriction
(dietaryName, userID,
restrictionType, description)

*	 DIETARYNAME	 USERID	RESTRICTIONTYPE	DESCRIPTIONS
1	SeafoodDairyAllergy	U0000010	Seafood, Dairy	Cannot eat seafood and cheese
2	LacGlutolerance	U0000020	Lactose, Gluten	Lactose and gluten intolerance
3	VegetarianDiet	U0000030	Vegetarian	No meat, fish, or poultry
4	LactoOvoVegetarianDiet	U0000040	Lacto-Ovo Vegetarian	Includes dairy and eggs but no meat, fish, or poultry
5	KosherDiet	U0000050	Pork	Follows Jewish dietary laws regarding avoiding pork



MealEating(mealID,
userID, mealType)

*	 MEALID	 USERID	MEALTYPE
1	M0000001	U0000010	Breakfast
2	M0000002	U0000020	Lunch
3	M0000004	U0000030	Dinner
4	M0000001	U0000040	Snack
5	M0000005	U0000050	Breakfast


UserMealLogging(userID,
mealID, timestamp)

*	 USERID	 MEALID	TIMESTAMPED
1	U0000010	M0000001	2024-07-21 08:00:00
2	U0000020	M0000002	2024-07-23 20:30:00
3	U0000030	M0000004	2024-07-25 16:00:00
4	U0000040	M0000001	2024-07-26 11:30:00
5	U0000050	M0000005	2024-07-30 20:00:00

Creating (recipeID,
mealID, userID)

*	 RECIPEID	 MEALID	USERID
1	R0000001	U0000010	(null)
2	R0000005	U0000020	(null)
3	R0000003	U0000030	(null)
4	R0000004	U0000040	(null)
5	R0000002	U0000050	(null)


NutritionalValue2(nutrID,
ingName, procName,
brand, protein, fat, sodium,
carbs)

*	 NUTRID	INGNAME	PROCNAME	BRAND	PROTEIN	FAT	SODIUM	CARBS
1	N0000001	chicken	(null)	(null)	30.2	3.6	0.8	0
2	N0000002	rice	(null)	(null)	2.7	0.3	0.01	28
3	N0000003	carrot	(null)	(null)	0.8	0.2	0.08	8.2
4	N0000004	lettuce	(null)	(null)	0.3	0	6.7	0.7
5	N0000005	egg	(null)	(null)	6	5	0.62	0.6
6	N0000006	(null)	Strawberry Probiotic Yogurt	Activia	4	1.5	0.55	15
7	N0000007	(null)	Chicken Pot Pie	Marie Callender's	17	36	0.95	55
8	N0000008	(null)	Medium Iced Capp	Tim Hortons	3	15	0.07	48
9	N0000009	(null)	Small Iced Capp	Tim Hortons	2	11	0.05	33
10	N0000010	(null)	Butter Chicken	President's Choice	20	18	1.05	53



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Ingredient (ingName,
nutrID, ingUnit, category)

*	 INGNAME	NUTRID	INGUNIT	CATEGORY
1	chicken	N0000001	100 gram	poultry
2	rice	N0000002	100 gram	grains
3	carrot	N0000003	100 gram	root vegetable
4	lettuce	N0000004	1 leaf	leaf vegetable
5	egg	N0000005	1 egg	poultry




RecipIngr(recipeID,
ingName)

*	 RECIPEID	 INGNAME
1	R0000001	egg
2	R0000002	chicken
3	R0000002	rice
4	R0000003	carrot
5	R0000003	lettuce
6	R0000004	carrot
7	R0000004	chicken
8	R0000005	egg
9	R0000005	rice

ProcessedFood(procName,
brand, **nutrID**, pfUnit)

*	 PROCNAME	 BRAND	NUTRID	USERDESCRIPT	PFUNIT
1	Strawberry Probiotic Yogurt	Activia	N0000006	Might be my favorite yogurt.	pack
2	Chicken Pot Pie	Marie Callender's	N0000007	I liked to eat it sometimes.	box
3	Medium Iced Capp	Tim Hortons	N0000008	Enjoyable in the morning before class.	cup
4	Small Iced Capp	Tim Hortons	N0000009	Usually get when short on money.	cup
5	Butter Chicken	President's Choice	N0000010	Love eating it for dinner.	box

ProcMeal (**brand** ,
procName, mealID,
userID)

*	 BRAND	 PROCNAME	 MEALID	USERID
1	Activia	Strawberry Probiotic Yogurt	M0000001	(null)
2	Marie Callender's	Chicken Pot Pie	M0000002	(null)
3	Tim Hortons	Medium Iced Capp	M0000003	(null)
4	Tim Hortons	Small Iced Capp	M0000004	(null)
5	President's Choice	Butter Chicken	M0000005	(null)

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- d. A list of all SQL queries used and where it can be found in the code (i.e., file name and line number(s)). For SQL query requirements, check the rubric listed on Canvas for Milestone 4.

<u>INSERT Query</u>	<u>File:</u> appService.js	<u>Line Number:</u> 100-122
<u>Description:</u> We allow admin to insert users into the table including all users, admin and everyone else. We have also specifically made it so that when an admin inserts a user, it would impact another table as well because of the user table including all users having a foreign key reference to that of a table including all regular users with their subscription types (free/premium) when entered.		
<u>UPDATE Query</u>	<u>File:</u> appService.js	<u>Line Number:</u> 47-70
<u>Description:</u> We update the 2 non-primary key requirements with this case through allowing users to update the description and units on the user dashboard.		
<u>DELETE Query</u>	<u>File:</u> appService.js	<u>Line Number:</u> 233-247
<u>Description:</u> Delete allows the admin to delete a specific user from the overall system.		
<u>SELECTION Query</u>	<u>File:</u> appService.js	<u>Line Number:</u> 275-289
<u>Description:</u> This query allows to effectively filter out the user table on the admin dashboard for specific attributes present. The admin may want to find a very specific user.		
<u>JOIN Query</u>	<u>File:</u> appService.js	<u>Line Number:</u> 259-265
<u>Description:</u> Joining attributes with data from multiple tables effectively.		
<u>PROJECTION Query</u>	<u>File:</u> appService.js	<u>Line Number:</u> 332-335
<u>Description:</u> We allow an admin to choose from a slider a table and attributes they would like to then view.		

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- e. Screenshots demonstrating the functionality of each query using the GUI. We want to see a before/during/after progression of events. For example, the before screenshot would be what data is in the table before you run the query, the during screenshot(s) is how the query is triggered using the GUI, and the after screenshot is what data is in your table afterwards. Please label each set of screenshots with the name of the query it is meant to address (e.g., “Insert Operation”).
- i. You need only to include screenshots for the required queries – if you implemented more than what was required, screenshots are not needed for those extra queries.

Screenshots of query result

Screenshots of the sample output of the queries using the GUI (for example, for an insertion query you can show what data is in your table before you run the query, and then show another screenshot after running the query, from some kind of GUI input like a button).

You need only to include screenshots for the required queries – if you implemented more than what was required, screenshots are not needed for those extra queries.

Each screenshot should be clearly labeled with which query (i.e., rubric item) it represents.

INSERT Query

INSERT INTO
USER2(userID,
username, age,
gender, height,
weights) VALUES(
userID, : username, :
age, : gender, : height,
: weight)

Description:

Image 1: Initial table
Image 2: Blank form to
insert user
Image 3: Information
filled, but not yet
submit
Image 4: Information
submitted, receive
success message
Image 5: New data
appears in table

The screenshot shows a web browser window with the URL `localhost:50001/dashboard_admin.html`. The page title is "AdminViewDashboard". Below the browser window, there is a table titled "All Users" with the following data:

USERID	USERNAME	AGE	GENDER	HEIGHT	WEIGHTS	BMI	ADMINLEVEL	SUBSCRIPTIONTYPE
U0000001	Grace	35	female	1.7	68	23.5	Beta Tester	N/A
U0000002	Henry	40	male	1.8	75	23.1	Recipe Writer	N/A
U0000003	Isabel	28	female	1.6	55	21.5	Community Moderator	N/A
U0000004	Jack	33	male	1.75	70	22.2	Security Administrator	N/A
U0000040	Dan	51	non-binary	1.49	35.7	16.1	N/A	Free
U0000050	Erikson	42	male	2.15	92	19.8	N/A	Premium
U0109050	FeralLion	60	female	1.52	50.1	21.7	N/A	Premium
U0000005	Karen	45	female	1.6	62.0	24.2	Database Manager	N/A
U0000020	Bob	25	male	1.70	80	27.7	N/A	Premium
U0000010	Alice	30	female	1.28	70.2	42.8	N/A	Free
U0000030	Charlie	19	N/A	N/A	N/A	N/A	N/A	Free

Below the table, there is a "Filter Rows" section with a dropdown menu set to "USERID" and a text input field for "Value". There are buttons for "Add Condition", "Filter", and "Reset Filter".

Below the filter section, there is a "Delete User" section with a text input field for "User ID:" and a "Delete User" button.

AdminViewDashboard

localhost:50001/dashboard_admin.html

SSC Canvas Mail Oxford Dict. Guitar sheets 1min Meditation Git tuts SMART Goals SONA Harvard courses CRA CS TA Appli TA Handbook 121 Slack

Reset Filter

Delete User

User ID: Delete User

Admin: Insert Regular Users

User ID (required):

Username (required):

Subscription Type (required):

Age:

Gender:

Height:

Weight:

Insert Regular User

Projection

Choose a table:

Choose attributes:

View Data

18°C Clear

Q Search

ENG US

10:40 PM 5/08/2024

AdminViewDashboard

localhost:50001/dashboard_admin.html

SSC Canvas Mail Oxford Dict. Guitar sheets 1min Meditation Git tuts SMART Goals SONA Harvard courses CRA CS TA Appli TA Handbook 121 Slack

Reset Filter

Filter Rows

Attribute: USERID = Value AND

Add Condition Filter

Reset Filter

Delete User

User ID: Delete User

Admin: Insert Regular Users

User ID (required):

Username (required):

Subscription Type (required):

Age:

Gender:

Height:

Weight:

Insert Regular User

Error inserting regular user!

Projection

18°C Clear

Q Search

ENG US

10:48 PM 5/08/2024

AdminViewDashboard

localhost:50001/dashboard_admin.html

SSC Canvas Mail Oxford Dict. Guitar sheets 1min Meditation Git tuts SMART Goals SONA Harvard courses CRA CS TA Appli TA Handbook 121 Slack

Filter Rows

Attribute: USERID = Value (AND)

Add Condition Filter

Reset Filter

Delete User

User ID: Delete User

Admin: Insert Regular Users

User ID (required): U9999999

Username (required): Meowmeow

Subscription Type (required): Free

Age: 9

Gender: cat

Height: 1.5

Weight: 50

Insert Regular User

Regular user inserted successfully!

Protection

18°C Clear

Search

ENG US

10:48 PM 5/08/2024

AdminViewDashboard

localhost:50001/dashboard_admin.html

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Admin Dashboard

Welcome, Grace!

All Users

Filter Rows

Attribute: USERID = Value (AND)

Add Condition Filter

Reset Filter

18°C Clear

Search

ENG US

10:50 PM 5/08/2024

UPDATE Query

```
UPDATE
PROCESSEDFOOD SET
pfUnit = :newUnit,
userDescript =
:newDescription
WHERE procName =
:productName AND
brand = :brandName
```

Description:

Image 1: Blank form to update the attributes “Unit” and “Description” of specified Processed Food item

Image 2: Information filled, but not yet submit; item to change is highlighted in the table

Image 3: Information submitted, receive successful message; attributes of the specified item are updated

User Dashboard

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Logout

Dashboard

Welcome, Alice!

Update Processed Food

Product Name	Brand	Nutriton ID	User Description	Units
Strawberry Probiotic Yogurt	Activia	N0000006	Might be my favorite yogurt.	pack
Chicken Pot Pie	Marie Callender's	N0000007	I liked to eat it sometimes.	box
Medium Iced Capp	Tim Hortons	N0000008	Enjoyable in the morning before class.	cup
Small Iced Capp	Tim Hortons	N0000009	Usually get when short on money.	cup
Butter Chicken	President's Choice	N0000010	Love eating it for dinner.	box

The user can update experience with processed foods they consume, making notes or describing their experiences with the food. The user may also update the units for the processed food as well to use units they're most comfortable with for their progress.

Note: Ensure exact product name and brand is inputted, no additional characters.

Product Name (required):

Brand (required):

New Unit:

New Description:

User Dashboard

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Logout

Dashboard

Welcome, Alice!

Update Processed Food

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The user can update experience with processed foods they consume, making notes or describing their experiences with the food. The user may also update the units for the processed food as well to use units they're most comfortable with for their progress.

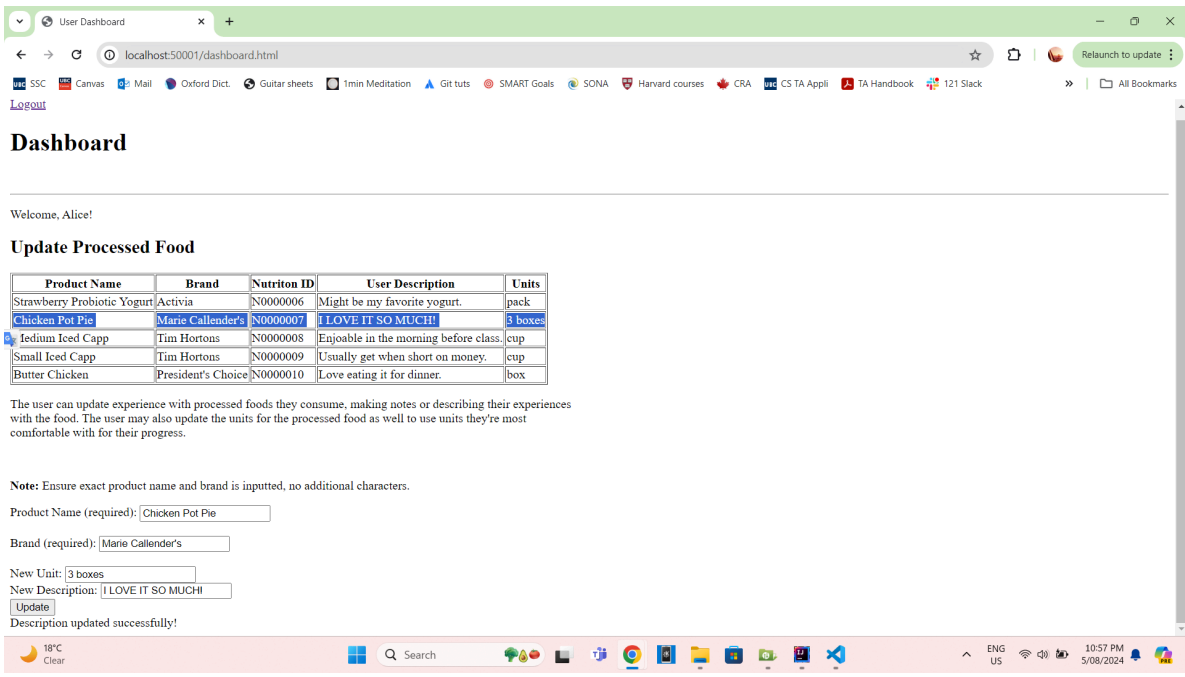
Note: Ensure exact product name and brand is inputted, no additional characters.

Product Name (required):

Brand (required):

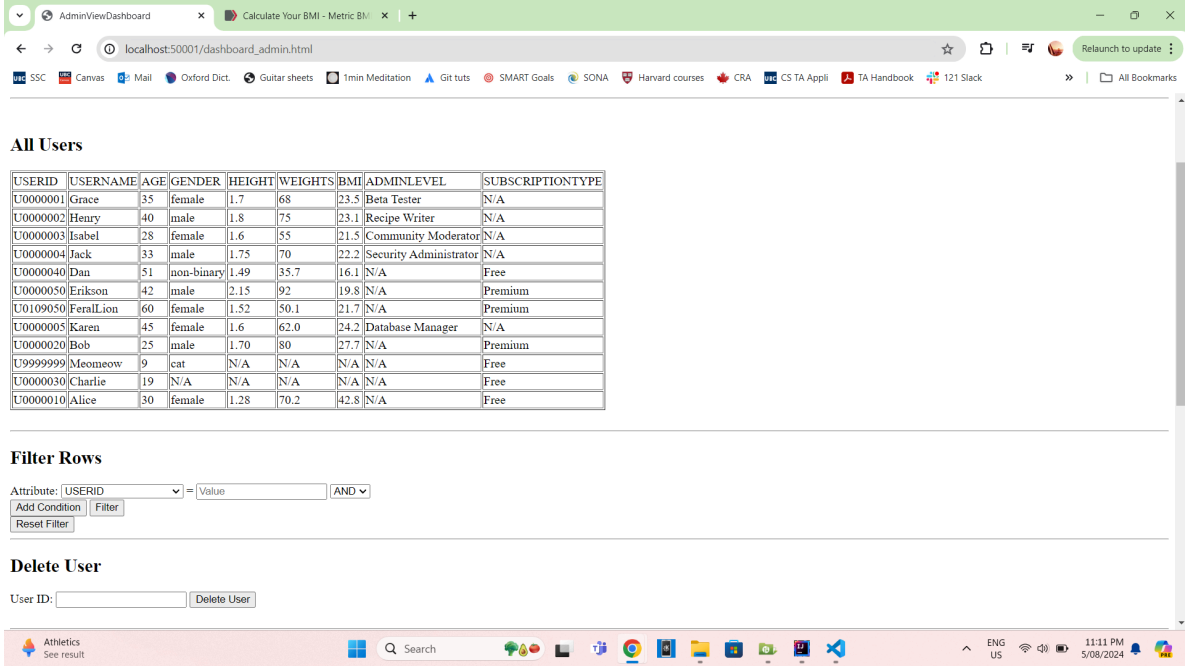
New Unit:

New Description:



DELETE Query
DELETE FROM
(tableName) WHERE
(iterate through each
attribute
corresponding to the
key entered; for each i
corresponds to each
attribute, query += key
+ "=\\" + vals[i] + "\\";
attributes are
connected by "AND")

Description:
Image 1: Blank form
with initial table
Image 2: Information
filled in, but not
submitted; table row
with user we want to
delete is highlighted
Image 3: Information
submitted, successful



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Department of Computer Science

message is given
Image 4: Deleted user
is no longer in table

AdminViewDashboard

Calculate Your BMI - Metric BM

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All Users

USERID	USERNAME	AGE	GENDER	HEIGHT	WEIGHTS	BMI	ADMINLEVEL	SUBSCRIPTIONTYPE
U0000001	Grace	35	female	1.7	68	23.5	Beta Tester	N/A
U0000002	Henry	40	male	1.8	75	23.1	Recipe Writer	N/A
U0000003	Isabel	28	female	1.6	55	21.5	Community Moderator	N/A
U0000004	Jack	33	male	1.75	70	22.2	Security Administrator	N/A
U0000040	Dan	51	non-binary	1.49	35.7	16.1	N/A	Free
U0000050	Erikson	42	male	2.15	92	19.8	N/A	Premium
U0109050	FeralLion	60	female	1.52	50.1	21.7	N/A	Premium
U0000005	Karen	45	female	1.6	62.0	24.2	Database Manager	N/A
U0000020	Bob	25	male	1.70	80	27.7	N/A	Premium
U9999999	Meowmeow	9	cat	N/A	N/A	N/A	N/A	Free
U0000030	Charlie	19	N/A	N/A	N/A	N/A	N/A	Free
U0000010	Alice	30	female	1.28	70.2	42.8	N/A	Free

Filter Rows

Attribute: USERID = Value AND

Add Condition Filter

Reset Filter

Delete User

User ID: U9999999 Delete User

Athletics

See result

Search

ENG US 11:12 PM 5/08/2024

AdminViewDashboard

Calculate Your BMI - Metric BM

localhost:50001/dashboard_admin.html

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All Users

Filter Rows

Attribute: USERID = Value AND

Add Condition Filter

Reset Filter

Delete User

User ID: U9999999 Delete User

Athletics

See result

Search

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localhost:50001 says

User deleted successfully!

OK

AdminViewDashboard

Calculate Your BMI - Metric BM

localhost:50001/dashboard_admin.html

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Relaunch to update

All Users

USERID	USERNAME	AGE	GENDER	HEIGHT	WEIGHTS	BMI	ADMINLEVEL	SUBSCRIPTIONTYPE
U0000001	Grace	35	female	1.7	68	23.5	Beta Tester	N/A
U0000002	Henry	40	male	1.8	75	23.1	Recipe Writer	N/A
U0000003	Isabel	28	female	1.6	55	21.5	Community Moderator	N/A
U0000004	Jack	33	male	1.75	70	22.2	Security Administrator	N/A
U0000040	Dan	51	non-binary	1.49	35.7	16.1	N/A	Free
U0000050	Erikson	42	male	2.15	92	19.8	N/A	Premium
U0109050	FeralLion	60	female	1.52	50.1	21.7	N/A	Premium
U0000005	Karen	45	female	1.6	62.0	24.2	Database Manager	N/A
U0000020	Bob	25	male	1.70	80	27.7	N/A	Premium
U0000010	Alice	30	female	1.28	70.2	42.8	N/A	Free
U0000030	Charlie	19	N/A	N/A	N/A	N/A	N/A	Free

Filter Rows

Attribute: USERID = Value AND

Add Condition Filter

Reset Filter

Delete User

User ID: Delete User

18°C Clear

Search

ENG US

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SELECTION Query

Description: same as PROJECTION, since SELECTION is used in the query for PROJECTION

All Users

USERID	USERNAME	AGE	GENDER	HEIGHT	WEIGHTS	BMI	ADMINLEVEL	SUBSCRIPTIONTYPE
U0000001	Grace	35	female	1.7	68	23.5	Beta Tester	N/A

Filter Rows

Attribute: AGE = 35 OR

Add Condition Filter

Reset Filter

All Users

USERID	USERNAME	AGE	GENDER	HEIGHT	WEIGHTS	BMI	ADMINLEVEL	SUBSCRIPTIONTYPE
U0000001	Grace	35	female	1.7	68	23.5	Beta Tester	N/A
U0000002	Henry	40	male	1.8	75	23.1	Recipe Writer	N/A
U0000003	Isabel	28	female	1.6	55	21.5	Community Moderator	N/A
U0000004	Jack	33	male	1.75	70	22.9	Security Administrator	N/A
U0000005	Karen	45	female	1.65	62	22.8	Database Manager	N/A
U0000010	Alice	30	female	1.65	70.2	25.8	N/A	Free
U0000020	Bob	25	male	1.7	80.1	27.7	N/A	Premium
U0000040	Dan	51	non-binary	1.49	35.7	16.1	N/A	Free
U0000050	Erikson	42	male	2.15	92	19.9	N/A	Premium
U0109050	FeralLion	60	female	1.52	50.1	21.7	N/A	Premium
U0000030	Charlie	19	N/A	N/A	N/A	N/A	N/A	Free

Filter Rows

Attribute: USERID = Value AND

Add Condition Filter

Reset Filter

JOIN Query

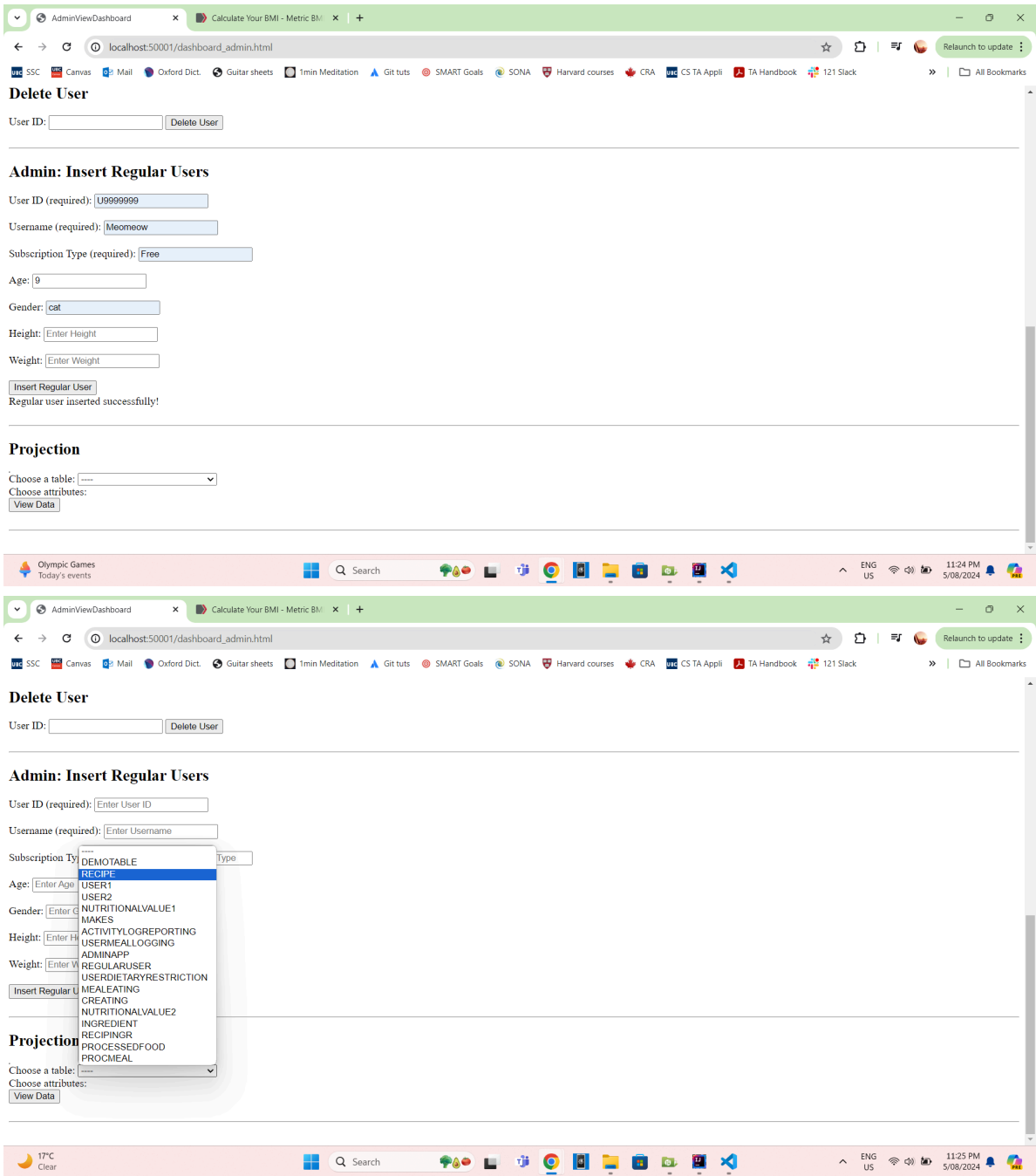
Description:

PROJECTION Query

SELECT \${columns}
FROM \${table}

Description:

Image 1: The forms in “Projection” is blank
Image 2: Clicking into the drop-down menu of “Choose a table” displays all the tables exist in Database
Image 3: Choosing a table would display the attributes available to view
Image 4: Table is chosen, attributes are chosen, but button is not clicked
Image 5: Click the button, the table is projected accordingly



AdminViewDashboard

Calculate Your BMI - Metric BM

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Admin: Insert Regular Users

User ID (required): U9999999

Username (required): Meomeow

Subscription Type (required): Free

Age: 9

Gender: cat

Height: Enter Height

Weight: Enter Weight

Insert Regular User

Regular user inserted successfully!

Projection

Choose a table: RECIPE

Choose attributes:

☐ RECIPEID

☐ COOKTIME

☐ RECIPENAME

☐ STEPS

☐ RECIPECALORIES

View Data

17°C Clear

Search

ENG US

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AdminViewDashboard

Calculate Your BMI - Metric BM

localhost:50001/dashboard_admin.html

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Admin: Insert Regular Users

User ID (required): Enter User ID

Username (required): Enter Username

Subscription Type (required): Enter Subscription Type

Age: Enter Age

Gender: Enter Gender

Height: Enter Height

Weight: Enter Weight

Insert Regular User

Projection

Choose a table: RECIPE

Choose attributes:

☒ RECIPEID

☒ COOKTIME

☒ RECIPENAME

☐ STEPS

☒ RECIPECALORIES

View Data

3x3 Basketball Canada - United...

Search

ENG US

11:26 PM 5/08/2024

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Department of Computer Science

University of British Columbia, Vancouver

Department of Computer Science

4. Lastly, include a README.txt file if there's anything you want to add that's not included in your PDF file.

- **README**

A README.txt file that contains information that has not been included in your other project deliverables. In the event that there is no "extra" information to include in this file, you can submit a txt file that says "No extra information".