

Feedback by the reviewers:

[Eddie Kovsky](#)

Data Manipulation Queries

1. Queries are syntactically correct.
2. All the required functionality is covered.

HTML Pages

I don't see a url to your website in the PDF?

[Andrew Huson](#)

Are the queries syntactically correct? Yes - there are some that I don't think are necessary or might not work how you want them to, for example summing reviews where review = 0 will always equal 0, you might want to count(review) where review = 0 if you are looking for the number of dislikes? There is only one comment for both queries so I'm not sure whether this was intended to be two separate queries or not, if you want both on one table you could do something like SELECT SUM(review) AS 'number of likes', (COUNT(review)-SUM(review)) AS 'number of dislikes' FROM reviews_restaurant_customer;

Are there queries providing all functionalities as required by the CS340 Project Specs? Yes
Database has at least 4 entities and at least 4 relationships, one of which must be a many to many relationship? Yes

Possible to add entries to every table? Yes

Every table used in at least one select query? Yes

Website has the ability to search using text or filter using a dynamically populated list of properties to filter on? Yes

At least one delete function? Yes

At least one update function? Yes

Possible to add and remove things from at least one many-to-many relationship? Yes

Possible to add things to all relationships? Yes

Each functionality listed above have a corresponding HTML page? Yes

Is there a better way that data could be displayed on SHOW functionality pages? For removing the review, you might consider using just one form where they input their user ID and select a restaurant and then submit.

Is there a better way that the forms for UPDATE and ADD functionalities could be implemented?

See notes below, I think if you split the cuisine attributes from the restaurants and users into separate tables with many to many relationships it would also require additional pages/functions to modify those tables, add or remove preferences for users and cuisines for restaurants.

Notes: Maybe this would make things too complicated for the project but you might consider making a couple changes: Instead of having a rating that is a static attribute of an restaurant the rating should be dynamically calculated with a query that divides the total number of likes by the number of reviews (or returns 0 or NULL if there have been no reviews). You might also want to create separate tables for cuisine to restaurant in case a restaurant serves more than one cuisine, or customers to preferred cuisines as a customer can have more than one preferred cuisine. Overall I think you have a really good idea and design.

[Lee Rice](#)

Data Manipulation Queries

Are the queries syntactically correct?

I noticed in the queries, the 'restaurants' table is named 'restaurant', so those queries won't work. Otherwise, looks good.

Are there queries providing all functionalities as required by the CS340 Project Specs?

I like how you listed the page the queries belong too. Good organization. All queries mentioned on the project spec appear to be present.

HTML Pages

Does each functionality listed in the CS340 Project Specs have a corresponding HTML page?

Yes. All functionality appears to be present.

Is there a better way that data could be displayed on SHOW functionality pages?

Looks great so far. No suggestions come to mind.

Is there a better way that the forms for UPDATE and ADD functionalities could be implemented?

My only question is what happens when the Add it button is pressed on the Add restaurant page. It doesn't feel intuitive, but that's likely just because the back end isn't hooked up yet. Looks good otherwise.

[Christopher Brown](#)

Data Manipulation Queries

1.) Syntactically correct?

Table created was 'restaurants' but the DMQ reads 'restaurant'. I believe you want count(review) for the number of likes/dislikes

2.) All required queries?

Appears so. I see multiple SELECT queries (with at least one from each table), INSERT, UPDATE, and DELETE. Might be helpful to add a DELETE for cuisine.

HTML Pages

1.) Contains all required functionality?

Yup, looks good!

2.) Is there a better way the data can be displayed?

Links back to the home page would be appreciated. It may be helpful to add tables to some of the pages such as 'Add Cuisine Type' to show all of the currently added cuisine types.

3.) Is there a better way to UPDATE/ADD?

Not that I can think of.

[Russell Moon](#)

Hi Brittany, It seems as though most issues have been covered in the other peer reviews. For brevity's sake, I'll try to cover some new ground (or embellish what's already been discussed): 1) Repeating what one reviewer mentioned, maybe include a table list of current entries on each "Add" page, with a "Delete" button and an "Update" button appearing in each row, where appropriate. 2) Since I'm also doing a restaurant review db and have given this issue far too much thought, I'll second what another reviewer mentioned and suggest adding a cuisine table, making the relationship between restaurant and cuisine many-to-many. In addition to items that are typically understood to be cuisines (e.g., French, Mexican, Italian, etc.), I'm also including general restaurant descriptors in my cuisine table (e.g., casual, finedining, gastro-pub). "Cuisine" really doesn't capture what I'm going for, but I'd like to be able to basically tag a restaurant with a bunch of keywords that will show up in the restaurant description.

[Hillary Dreikorn](#)

I like how there's lots of food/restaurants based projects here. Food is great, haha!

DMQ:

In addition to those points mentioned above, I feel like the commenting could be a bit better. Other than that looks like it will work well for your site/

HTML:

Meets the specs, so there's not much to add there. I'm sure once you get to styling you'll had the feature of a back button and all that extra stuff. I like it it, looks good so far though.

Actions based on the feedback:

Eddie's feedback was not useful because he barely looked at my draft to find the URL and never updated his review when I told him where in the document the URL was. As Andrew suggested, I changed the query in the find_restaurant page to use COUNT and SUM to display the number of likes/dislikes in a table. Also, I fixed the display restaurant query to dynamically display the rating. Andrew suggested for removing a review I have user only enter their user ID and not all their information. I am not changing this because requiring a user to enter all their information can help to eliminate people who are not the user deleting their reviews. Andrew suggested splitting cuisines from restaurants and making the relationship many-to-many instead of many to one. I decided not to do this because I want the restaurants to be labeled only with one cuisine, so they can be identified more

specially than broadly with multiple types of cuisines. I fixed the table name for queries using `restaurants` instead of `restaurant` as Lee mentioned. I did not do anything with the add button Lee mentioned because I think when the page is styled, it will make sense, but I am keeping it in mind for once we get to that step. Christopher suggested adding a home button to each page. I will do this in a later step when I can style it and add a navigation bar on each, but currently without styling it would just look more confusing to the user. As Russell suggested I added tables for all the current cuisine types and all current restaurants. I added the needed queries to display these as well.

Upgrades to the Draft version:

While working on this draft, I updated the foreign key on the reviews_restaurants_customers table. When customers are deleted from the database I did not want their reviews to also be deleted. So, on delete customerID is set to null and I updated customerID to allow null.

URL:

<http://people.oregonstate.edu/~dunnbrit/CS340/index.html>