

Peer-graded Assignment: Project Submission and Peer Review

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RDBMS : Database design and Implementation

Submitted on May 23, 2024

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PROMPT

Task 1: Upload the screenshot of the list of identified entities (Task1.jpg/png). (4pts.)

Sample data:

staff	staff_id	first_name	last_name	position	email	phone_number
1	1000	Neena	Kochhar	CEO	NEENA.K	505.121.2244
2	1001	Lex	DeHaene	COO	LEX.D	505.121.2245
3	1002	Alexander	Huneeus	COO	ALEX.H	505.121.2246
4	1003	Bruce	Smith	COO	BRUCE.S	505.121.2247
5	1004	David	Turner	COO	DAVID.T	505.121.2248
6	1005	John	McMann	COO	JOHN.M	505.121.2249
7	1006	Pat	Scott	COO	PAT.S	505.121.2250
8	1007	Timothy	Ga	COO	TIMOTHY.G	505.121.2251
9	1008	Jeffrey	Wang	COO	JEFFREY.W	505.121.2252
10	1009	Wendell	Olson	COO	WENDOLL.O	505.121.2253

suppliers	supplier_id	supplier_name	address	city	state	zip	phone_number
1	1000	Neena Kochhar	1000 Neena Kochhar	Neena	CA	94000	505.121.2244
2	1001	Lex DeHaene	1001 Lex DeHaene	Lex	CA	94000	505.121.2245
3	1002	Alexander Huneeus	1002 Alexander Huneeus	Alex	CA	94000	505.121.2246
4	1003	Bruce Smith	1003 Bruce Smith	Bruce	CA	94000	505.121.2247

customers	customer_id	customer_name	address	city	state	zip	phone_number
1	1000	Neena Kochhar	1000 Neena Kochhar	Neena	CA	94000	505.121.2244
2	1001	Lex DeHaene	1001 Lex DeHaene	Lex	CA	94000	505.121.2245
3	1002	Alexander Huneeus	1002 Alexander Huneeus	Alex	CA	94000	505.121.2246
4	1003	Bruce Smith	1003 Bruce Smith	Bruce	CA	94000	505.121.2247

products	product_id	product_name	product_type	description	price
1	1000	Neena Kochhar	Neena Kochhar	Neena Kochhar	505.121.2244
2	1001	Lex DeHaene	Lex DeHaene	Lex DeHaene	505.121.2245
3	1002	Alexander Huneeus	Alexander Huneeus	Alexander Huneeus	505.121.2246
4	1003	Bruce Smith	Bruce Smith	Bruce Smith	505.121.2247
5	1004	David Turner	David Turner	David Turner	505.121.2248
6	1005	John McMann	John McMann	John McMann	505.121.2249

Identified entities

customer	customer_id	customer_name	address	city	state	zip	phone_number
1	1000	Neena Kochhar	1000 Neena Kochhar	Neena	CA	94000	505.121.2244
2	1001	Lex DeHaene	1001 Lex DeHaene	Lex	CA	94000	505.121.2245
3	1002	Alexander Huneeus	1002 Alexander Huneeus	Alex	CA	94000	505.121.2246
4	1003	Bruce Smith	1003 Bruce Smith	Bruce	CA	94000	505.121.2247

product	product_id	product_name	product_type	description	price
1	1000	Neena Kochhar	Neena Kochhar	Neena Kochhar	505.121.2244
2	1001	Lex DeHaene	Lex DeHaene	Lex DeHaene	505.121.2245
3	1002	Alexander Huneeus	Alexander Huneeus	Alexander Huneeus	505.121.2246
4	1003	Bruce Smith	Bruce Smith	Bruce Smith	505.121.2247
5	1004	David Turner	David Turner	David Turner	505.121.2248
6	1005	John McMann	John McMann	John McMann	505.121.2249

RUBRIC

Did the learner upload the screenshot with identified entities for the database? (4 pts)

Review the response by the learner and grade this question based on the criteria below.

- ☒ **4 points** Yes. The screenshot with the entities was uploaded. ES
- ☐ **0 points** No. The screenshot was not uploaded with the entities.



PROMPT

Task 2: Upload the list of attributes for the entity that will store the sales transaction data as a screenshot (Task2.jpg/png). (4 pts)

Attributes for the entity that will store the sales transaction data

Sales transaction

RUBRIC

Did the learner list the sales transaction attributes for the database and upload the screenshot with the identified attributes? (4 pts)

Review the response by the learner and grade this question based on the criteria below.

- ☒ **4 points** ES

Transaction id
Date
Time
Sales outlet
Staff
Customer
Product
Quantity
Price

Yes. The screenshot with the attributes was uploaded.

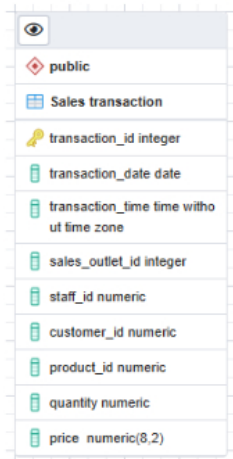
- ☐ 0 points
No. The screenshot was not uploaded with the attributes.



PROMPT

Task 3A: Upload the ERD diagram for the sale transactions entity using the information in the following table as a screenshot using the pgAdmin ERD Tool (Task3A.png or Task3A.jpg). (2 pts)

ERD diagram for the sale transactions entity using the pgAdmin ERD Tool



RUBRIC

Did the learner upload the screenshot with the ERD diagram for the sale transactions entity created using the pgAdmin ERD tool?

Review the response by the learner and grade this question based on the criteria below.

- ☒ **2 points** ES
Yes. The learner uploaded the screenshot with the ERD diagram.
- ☐ 0 points
No. The learner did not upload the screenshot with the ERD diagram.

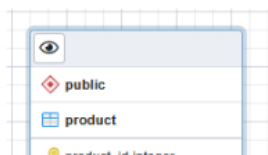


PROMPT

Task 3B: Upload the ERD diagram for the product entity using the information in the following table as a screenshot using the pgAdmin ERD Tool (Task3B.png or Task3B.jpg). (2 pts)

Product
Product id
Category
Type
Product
Description
Price

ERD diagram for the product entity



RUBRIC

Did the learner upload the screenshot with the ERD diagram for the product entity created using the pgAdmin ERD tool?

Review the response by the learner and grade this question based on the criteria below.

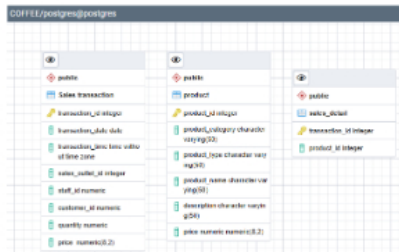
- ☒ **2 points** ES
Yes. The learner uploaded the screenshot with the ERD diagram.
- ☐ 0 points
No. The learner did not upload the screenshot with the ERD diagram.

product_category character varying(50)
product_type character varying(50)
product_name character varying(50)
description character varying(50)
price numeric(8,2)

PROMPT

Task 4A: Upload the screenshot with the normalized sales_detail table in the ERD (Task4A.png or Task4A.jpg). (2 pts)

Normalized sales_detail table in the ERD



RUBRIC

Did the learner upload the screenshot with the normalized sales_detail table in the ERD?

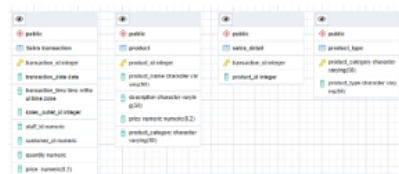
Review the response by the learner and grade this question based on the criteria below.

- ☒ **2 points** ES
Yes. The learner provided the screenshot with the normalized sales_detail table in the ERD.
- ☐ **0 points**
No. The learner did not provide the screenshot with the normalized sales_detail table in the ERD.

PROMPT

Task 4B: Upload the screenshot with the normalized product_type table in the ERD (Task4B.png or Task4B.jpg). (2 pts)

Normalized product_type table in the ERD



RUBRIC

Did the learner upload the screenshot with the normalized product_type table in the ERD?

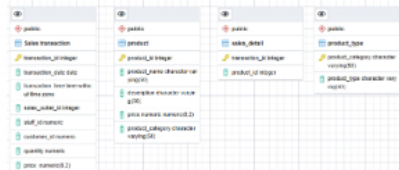
Review the response by the learner and grade this question based on the criteria below.

- ☒ **2 points** ES
Yes. The learner provided the screenshot with the normalized product_type table in the ERD.
- ☐ **0 points**
No. The learner did not provide the screenshot with the normalized product_type table in the ERD.

PROMPT

Task 5A: Upload the screenshot with the primary keys in the tables in your ERD (Task5A.png or Task5A.jpg). (2 pts)

Primary keys in the tables in your ERD



RUBRIC

Did the learner upload the screenshot with the primary keys in the tables in the ERD?

Review the response by the learner and grade this question based on the criteria below

- ☒ **2 points** ES
Yes. The learner provided the screenshot with the primary keys in the tables in the ERD.
- ☐ **0 points**
No. The learner did not provide the screenshot with the primary keys in the tables in the ERD.

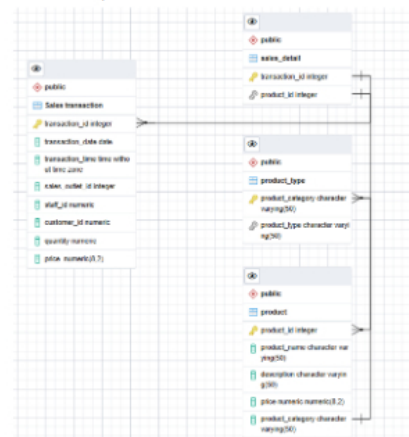
PROMPT

Task 5B: Upload the screenshot with the relationships in your ERD between the following tables:

- sales_detail to sales_transaction
- sales_detail to product
- product to product_type

(Task5B.png or Task5B.jpg). (2 pts)

Relationships in ERD



sales_detail to sales_transaction sales_detail to product
product to product_type

RUBRIC

Did the learner upload the screenshot with the relationships between the tables in the ERD?

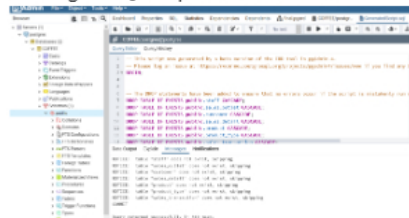
Review the response by the learner and grade this question based on the criteria below.

- ☒ **2 points** ES
Yes. The learner provided the screenshot with the relationships between all the tables in the ERD.
- ☐ 1 point
Partial yes. The learner provided the screenshot with the relationships between more than one of the tables in the ERD.
- ☐ 0 points
No. The learner did not provide the screenshot with the primary keys in the tables in your ERD.

PROMPT

Task 6A: Upload the screenshot of the tables shown in the tree-view pane on the left-hand side of the page by running the SQL script from the ERD Tool. (Task6A.png or Task6A.jpg). (2 pt)

Running the SQL script from the ERD Tool



RUBRIC

Did the learner upload the screenshot of the tables in the tree-view pane on the left-hand side of the page by running the SQL script from the ERD Tool?

Review the response by the learner and grade this question based on the criteria below.

- ☒ **2 points** ES
Yes. The learner uploaded the screenshot of the tables in the tree-view pane on the left-hand side of the page by running the SQL script from the ERD Tool.
- ☐ 0 points
No. The learner did not upload the screenshot of the tables in the tree-view pane on the left-hand side of the page by running the SQL script from the ERD Tool.

PROMPT

Task 6B: Upload the screenshot of the Data Output pane of the sales_detail` table. (Task6B.png or Task6B.jpg). (2 pt)

Data Output pane of the sales detail table



RUBRIC

Did the learner upload the screenshot of the Data Output pane of the sales_detail` table?

Review the response by the learner and grade this question based on the criteria below.

- ☒ **2 points** ES



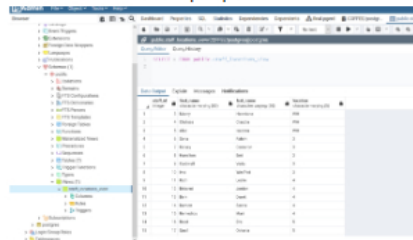
Yes. The learner uploaded the screenshot of the Data Output pane of the sales_detail` table.

- 0 points
No. The learner did not upload the screenshot of the Data Output pane of the sales_detail` table.

PROMPT

Task 7: Upload the screenshot of the staff-locations_view shown in the tree-view pane on the left-hand side of the page alongside the results in the Data Output pane (Task7.png or Task7.jpg). (4 pts)

Staff-locations_view shown in the tree-view pane on the left-hand side of the page alongside the results in the Data Output pane



RUBRIC

Did the learner upload the screenshot of the staff-locations_view shown in the tree-view pane on the left-hand side of the page alongside the results in the Data Output pane?

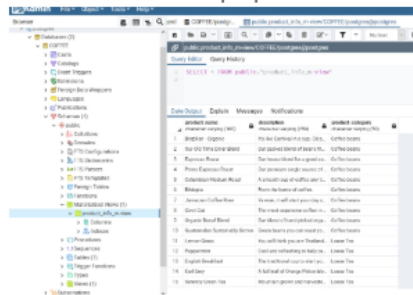
Review the response by the learner and grade this question based on the criteria below.

- 4 points
Yes. The learner provided the screenshot of the staff-locations_view shown in the tree-view pane on the left-hand side of the page alongside the results in the Data Output pane.
- 0 points
No. The learner did not provide the screenshot of the staff-locations_view shown in the tree-view pane on the left-hand side of the page alongside the results in the Data Output pane.

PROMPT

Task 8: Upload the screenshot of the materialized view, product_info_m-view, shown in the tree-view pane on the left-hand side of the page, with the results in the Data Output pane. (Task8.png or Task8.jpg) (4 pts)

Materialized view, product_info_m-view and with the results in the Data Output.pane



RUBRIC

Did the learner upload the screenshot of the materialized view, product_info_m-view, shown in the tree-view pane on the left-hand side of the page with the results in the Data Output pane?

Review the response by the learner and grade this question based on the criteria below.

- 4 points
Yes. The learner provided the screenshot of the materialized view, product_info_m-view, with the results in the Data Output pane.
- 0 points
No. The learner did not provide the screenshot of the materialized view, product_info_m-view, with the results in the Data Output pane.

PROMPT

Task 9: Upload the screenshot of the imported data and staff location into a Datasette database. (Task9.png or Task9.jpg) (4 pts)

RUBRIC

Did the learner upload the screenshot of the imported data and staff location into a Datasette database?

Imported data and staff location into a Datasette database.



The screenshot shows a Datasette interface with a table of data. The table has columns for 'id', 'name', 'location', and 'category'. The data is organized into a grid with alternating light and dark rows.

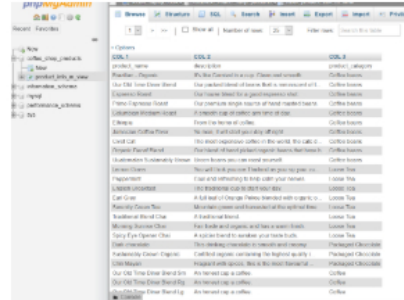
Review the response by the learner and grade this question based on the criteria below.

- 4 points** ES
Yes. The learner uploaded the screenshot of the imported data into a Datasette database.
- 0 points**
No. The learner did not upload the screenshot of the imported data into a Datasette database.

PROMPT

Task 10: Upload the screenshot of the imported data into a MySQL database, coffee_shop_products. (Task10.png or Task10.jpg) (1 pt)

Imported data into a MySQL database, coffee_shop_products.



The screenshot shows a MySQL database interface with a table of data. The table has columns for 'id', 'name', 'location', and 'category'. The data is organized into a grid with alternating light and dark rows.

RUBRIC

Did the learner upload the screenshot of the imported data into a MySQL database, coffee_shop_products?

Review the response by the learner and grade this question based on the criteria below.

- 4 points** ES
Yes. The learner uploaded the screenshot of the imported data into a MySQL database, coffee_shop_products.
- 0 points**
No. The learner did not upload the screenshot of the imported data into a MySQL database, coffee_shop_products.

[Start new attempt](#)

Comments

Comments left for the learner are visible only to that learner and the person who left the comment.

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