



✓ Review Your Peers: Module 8 Assignment

Data modeling problems I

Data modeling problems II

Finalizing an ERD

Practice Problems and Assignment

✓ Reading: Optional textbook reading material
10 min

✓ Reading: Practice Problems for Module 9
10 min

✓ Reading: Assignment for Module 9
10 min

👤 Peer-graded Assignment: Module 9 Assignment
Grading in progress

✓ Review Your Peers: Module 9 Assignment

✓ Peer-graded Assignment: Module 8 Assignment

You passed!

Congratulations. You earned 77.25 / 80 points. Review the feedback below and continue the course when you are ready. You can also help more classmates by reviewing their submissions.

[Review Classmates' Work](#)[Instructions](#)[My submission](#)[Discussions](#)

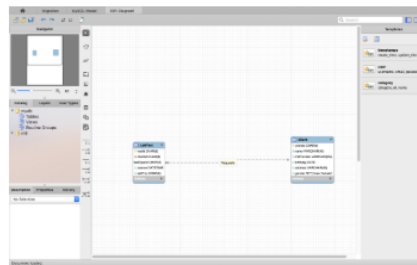
module 8

Submitted on May 19, 2019

[Shareable Link](#)

PROMPT

Submit a document containing an ERD for problem 1



RUBRIC

The student uploaded a file containing the required ERD drawing

☒ **10 points**
Yes



☐ 0 points
No

See the suggested solution for problem 1 in the module 8 assignment solution (<http://bit.ly/1UOqrCn>).

You should use the suggested solution and your best judgment to evaluate the ERD, both the structure and required elements.

- There are two entity types (one for client and one for lab test) connected by a regular 1-M relationship with the crow's foot near the entity type for a lab test.

- An appropriate relationship name between the two entity types is used.

- Minimum cardinality of 1 is defined so that a lab test has at least one client. Inside cardinality symbol near Client should be a perpendicular line.

- Minimum cardinality of 1 is defined so that a client has at least one lab test. Inside cardinality symbol near lab test entity type should be a perpendicular line.

- ERD is complete with primary keys and required attributes.

☒ **10 points**
Excellent: All the requirements are met. (10 points)




☐ 9 points
Good: No diagram errors and only 1 or 2 missed requirements (9 points)


☐ 7.5 points
Average: No diagram errors and 3 to 5 missing requirements. (7.5 points)

☐ 5 points
Below average: No diagram errors but more than 5 errors (5 points)

- ☐ 0 points
Poor: Diagram errors and ERD is irrelevant. (0 point)

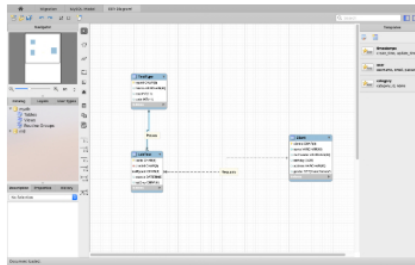
Please provide your feedback to the student based on his/her performance in problem 1

 **Kevin Mitchell**
correct

 **Joao Pereira Luamba**
Nice work

PROMPT

Submit a document containing an ERD for problem 2



RUBRIC

The student uploaded a file containing the required ERD drawing

- ☒ **10 points**
Yes



- ☐ 0 points
No

See the suggested solution for problem 2 in the module 8 assignment solution (<http://bit.ly/1UOqrCn>).

You should use the suggested solution and your best judgment to evaluate the ERD, both the structure and required elements.

- A new entity type (for test type) is created and connected by 1-M relationship to the entity type for a lab test. The crow's foot symbol should be near the entity type for a lab test.

- An appropriate relationship name between the new entity type and the lab test entity type is used

- Minimum cardinality of 0 is defined so that a test type can exist without a lab test. Inside cardinality symbol near the lab test entity type should be an oval.

- Minimum cardinality of 1 is defined so that a lab test must have only one test type. Inside cardinality symbol near test type entity type should be a perpendicular line.

- ERD is complete with primary keys and required attributes.

- ☐ 10 points
Excellent: All the requirements are met. (10 points)



- ☒ **9 points +9.5 pts because of a tie**
Good: No diagram errors and only 1 or 2 missed requirements (9 points)



- ☐ 7.5 points
Average: No diagram errors and 3 to 5 missing requirements. (7.5 points)

- ☐ 5 points
Below average: No diagram errors but more than 5 errors (5 points)

- ☐ 0 points
Poor: Diagram errors and ERD is irrelevant. (0 point)

Please provide your feedback to the student based

on his/her performance in problem 2



Kevin Mitchell

1 diagram error on relationship. Labtest
Optional

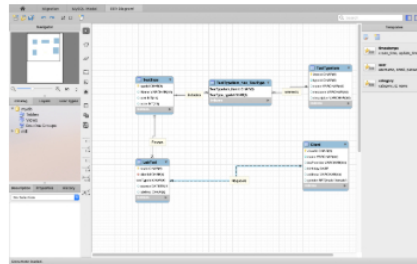


Joao Pereira Luamba

Nice Work

PROMPT

Submit a document containing an ERD for problem 3



RUBRIC

The student uploaded a file containing the required ERD drawing

☒ **10 points**
Yes



☐ 0 points
No

See the suggested solution for problem 3 in the module 8 assignment solution (<http://bit.ly/1UOqrCn>).

You should use the suggested solution and your best judgment to evaluate the ERD, both the structure and required elements.

- A new associative entity type (with a proper name) is created and connected by 2 identifying 1-M relationships to entity types for test type and test item.

- A new entity type (for test item) is created and connected by 1-M relationship to the newly created weak entity type

- An appropriate relationship name between the new associative entity type and the test type entity type is used.

- An appropriate relationship name between the new associative entity type and the test item entity type is used

- Minimum cardinality of 1 is defined so that there is an inside perpendicular line near the associative entity type from the test type entity type side.

- Minimum cardinality of 1 is defined so that there is an inside perpendicular line near the associative entity type from the test item entity type side.

- ERD is complete with primary keys and required attributes.

☐ 10 points
Excellent: All the requirements are met. (10 points)



☒ **9-points +9.5 pts because of a tie**
Good: No diagram errors and only 1 or 2 missed requirements (9 points)



☐ 7.5 points
Average: No diagram errors and 3 to 5 missing requirements. (7.5 points)

☐ 5 points
Below average: No diagram errors but more than 5 errors (5 points)

☐ 0 points
Poor: Diagram errors and ERD is irrelevant. (0 point)

Please provide your feedback to the student based on his/her performance in problem 3



Kevin Mitchell

Not sure how to tell if Entity is "Weak" in this ERD

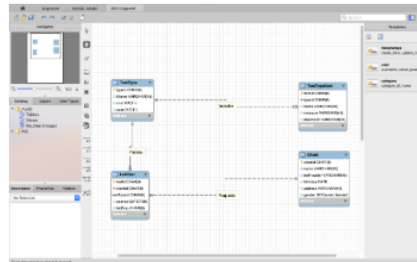


Joao Pereira Luamba

Nice work

PROMPT

Submit a document containing an ERD for problem 4



RUBRIC

The student uploaded a file containing the required ERD drawing

☒ **10 points**
Yes



☐ 0 points
No

See the suggested solution for problem 4 in the module 8 assignment solution (<http://bit.ly/1UOqrCn>).

You should use the suggested solution and your best judgment to evaluate the ERD, both the structure and required elements.

- Associative entity type and 2 identifying 1-M relationships are replaced with an M-N relationship.

- An appropriate relationship name is used for the M-N relationship.

- Minimum cardinality of 1 is defined so that there is an inside perpendicular line near the test type entity type.

- Minimum cardinality of 1 is defined so that there is an inside perpendicular line near the test item entity type.

- ERD is complete with primary keys and required attributes.

☐ 10 points
Excellent: All the requirements are met. (10 points)

☐ 9 points
Good: No diagram errors and only 1 or 2 missed requirements (9 points)



☒ **7.5 points +8.25 pts because of a tie**
Average: No diagram errors and 3 to 5 missing requirements. (7.5 points)



☐ 5 points
Below average: No diagram errors but more than 5 errors (5 points)

☐ 0 points
Poor: Diagram errors and ERD is irrelevant. (0 point)

Please provide your feedback to the student based on his/her performance in problem 4



Kevin Mitchell

TestTypeItem relationship should be Mandatory not Optional



Joao Pereira Luamba

Nice Work

OVERALL ASSIGNMENT RUBRIC

Overall, how the student performed in this assignment?

- ☐ The student has made excellent work
- ☒ **The student did great, However, there are areas for improvement**
- ☐ The student performed poorly in this assignment



Please provide your feedback to the student based on his/her performance in this assignment



Kevin Mitchell

Good job!



Joao Pereira Luamba

Good Job

[Edit submission](#)

Comments

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



share your thoughts...

