

Reading Quiz 04 - DAO Pattern and REST API

Due Jun 20 at 11:59pm**Points** 10**Questions** 10**Time Limit** 15 Minutes**Allowed Attempts** 2

Instructions

This quiz is worth 10 points. Once you begin the quiz you will only have 15 minutes to complete it. Therefore, please go over the material shown below before taking this quiz. Upon completion, you will immediately see your score, but you will not see the correct answers until after the quiz has closed.

You will have 2 attempts and Canvas will record your highest grade. However, you are not guaranteed to get the same questions on each attempt as it is choosing 10 questions from a pool of 20 each time.

Before taking the quiz, make sure you go over:

- DAO Pattern recordings and slides
- REST API recordings and slides

[Take the Quiz Again](#)

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	15 minutes	8 out of 10

Score for this attempt: **8** out of 10

Submitted Sep 28 at 8:58pm

This attempt took 15 minutes.

Question 1

1 / 1 pts

In the Bookstore project, what best describes the role of the DAO pattern?

Correct!

The DAO pattern is used by the REST API to access data stored in the database



The DAO pattern is used by Vue components to access data stored in the REST API



The DAO pattern is used by Vue components to access data stored in the database



The DAO pattern is used by the REST API to access data stored in Vue components

Question 2**1 / 1 pts**

A ResultSet object holds the result of an SQL query that returns a collection of rows, and a Result object holds the result of an SQL query that returns a single row.

☐ True☒ False**Correct!****Question 3****0 / 1 pts**

In the Bookstore project, which components access DAO objects through the application context?

Correct Answer

You Answered

☐ Database components☐ Model objects☐ REST API components☒ Vue components**Question 4****1 / 1 pts**

In the Bookstore project, DAO find methods typically return model objects or lists of model objects

Correct!

☒ True☐ False**Question 5****1 / 1 pts**

What do model objects represent?

Correct!

☐ columns in the database☒ rows in the database☐ tables in the database☐ types in the database

Question 6**0 / 1 pts**

Which of the following is NOT a main purpose for using a DAO layer?

☐ to hide the way model objects are stored and created

☐ to make data access more efficient

☒ to protect the Controller and View layers from changes to the data sources

☐ to reduce the code complexity for clients

Correct Answer**You Answered****Question 7****1 / 1 pts**

What is the relationship between URIs, URLs, and URNs?

☐ URLs are URIs. URNs are something else.

☐ A URN is the address part of the URL which is part of the URI.

☐ The URI is a URL with the communication method defined. The URN is the address part of the URI.

☒ A URN can be a URL, and both are always URIs.

Correct!**Question 8****1 / 1 pts**

What is a REST API?



An application programming interface that allows a developer to define constraints for communication.



An application programming interface that literally rests until it is interacted with.



An application programming interface that that can follow the six constraints of REST.

Correct!



An application programming interface that that follows the six constraints of REST.

Question 9

1 / 1 pts

A representation of a resource is a unique copy of that resource, not the resource itself.

Correct!



True



False

Question 10

1 / 1 pts

Who can interact with a REST API?



Nobody unless it is explicitly made open and available.

Correct!

☐ Only users with the correct REST keys.



Anyone, unless the REST API includes an authentication layer or similar access restrictions.



Anyone, even if the service includes an authentication layer or similar access restrictions.

Quiz Score: **8** out of 10