QUIZ

Started on	Thursday, 6 March 2025, 11:29 AM
State	Finished
Completed on	Thursday, 6 March 2025, 11:42 AM
Time taken	12 mins 31 secs
Grade	**7.00** out of 10.00 (**70**%)

Question 1
Complete
Mark 0.00 out of 1.00

What is API limiting?

○ a.   A technique used by web services to control the rate at which clients receive response from APIs

◉ b.   A technique used by web services to control the rate at which clients make requests to their APIs

○ c.   A mechanism that helps maintain stability, security, and fair usage of the API by preventing abuse, mitigating potential attacks and ensuring a consistent quality of service

○ d.   A technique used by web services to control the content of the request made by clients to their APIs

Your answer is incorrect.

Question 2
Complete
Mark 1.00 out of 1.00

What are some ways to sort data retrieved from an API?

◉ a.   Local sorting

○ b.   Filtering expressions

○ c.   Query parameters

○ d.   Pagination and limits

Your answer is correct.

Question 3

Complete

Mark 1.00 out of 1.00

What are some common actions or operations that can be performed in an API?

- ○ a.   Create, update, delete
- ○ b.   Read and write
- ○ c.   Validate and document
- ○ d.   Authenticate and authorize

Your answer is correct.

Question 4

Complete

Mark 0.00 out of 1.00

What are roles in an API and how are they associated with actions?

- ○ a.   Roles represent a collection of users, and they are associated with actions through authentication.
- ○ b.   Roles represent a collection of users, and they are associated with permissions through authentication.
- ○ c.   Roles represent a collection of permissions, and they are associated with actions through authentication.
- ○ d.   Roles represent a collection of actions, and they are associated with permissions through authorization.

Your answer is incorrect.

Question 5

Complete

Mark 1.00 out of 1.00

What is the purpose of implementing authentication in an API?

- ○ a.   To identify and authenticate users or clients accessing the API.
- ○ b.   To check whether the authenticated user has the necessary role or permission to perform the requested action.
- ○ c.   To determine the actions or operations that can be performed in the API.
- ○ d.   To assign roles or permissions to users or clients.

Your answer is correct.

Question 6

Complete

Mark 1.00 out of 1.00

What is API authorization?

- ○ a. Incorrect - this definition refers to API authentication.
- ○ b. It is a process that verifies the identity of users who want access to an API.
- ○ c. It is a process that ensures that users are who they claim to be.
- ○ d. It is a process that prevents attacks from cybercriminals.
- ◉ e. It is a process that checks which data a user is allowed to access.

Your answer is correct.

Question 7

Complete

Mark 1.00 out of 1.00

Which API authorization type involves including a token in the request headers?

- ○ a. No Auth
- ○ b. OAuth 2.0
- ◉ c. Bearer Token
- ○ d. Basic Auth

Your answer is correct.

Question 8

Complete

Mark 0.00 out of 1.00

What is pagination in API design and development?

- ○ a. A way to define filtering expressions using a specific syntax
- ◉ b. A method to retrieve data in chunks or pages
- ○ c. A process of verifying the authenticity and authorization of a user accessing an API
- ○ d. A technique used to segment an API endpoint's response into smaller manageable units

Your answer is incorrect.

Question 9

Complete

Mark 1.00 out of 1.00

What is API data filtering?

- ○ a.   Navigating through the dataset using page numbers or cursors
- ○ b.   Sorting data locally in your application
- ○ c.   Retrieving all the available data from an API
- ◉ d.   Extracting specific data from a larger dataset based on certain criteria

Your answer is correct.

Question 10

Complete

Mark 1.00 out of 1.00

How are access tokens typically included in HTTP requests?

- ○ a.   Using the "Digest Auth" authentication scheme.
- ◉ b.   Using the "Bearer" authentication scheme.
- ○ c.   Using the "Basic Auth" authentication scheme.
- ○ d.   Using the "API Key" authentication scheme.

Your answer is correct.