**QUIZZES**

**SPRING REST QUIZ**

1. What does the Acronym REST Stand for?

Answer: Representational State Transfer.

## What is the protocol used in REST?

Answer: HTTP.

## What is the HTTP Status Code Related to Page Not Found?

Answer: 404.

## What is the HTTP Code Related to Internal Server Error?

Answer: 500.

## What does HTTP Code 200 indicate?

Answer: Success.

## Which HTTP method do we use to make an HTTP request to create a new resource?

Answer: POST.

## Which HTTP method do we use to make an HTTP request to update an existing resource?

Answer: PUT.

## Choose the correct URI format to get a sub-resource by resource id and sub-resource id

Answer: /{resource}/{resource-id}/{sub-resource}/{sub-resource-id}.

## Which is not REST Architectural Constraints?

## Answer: Service orchestration.

## What does the HTTP status code 201 indicate?

## Answer: Created.

## Which HTTP methods are commonly used in REST API operations?

## Answer: GET, POST, PUT, DELETE.

## What is the difference between PUT and PATCH methods in REST API?

## Answer: PUT updates the entire resource, while PATCH updates only specific fields of a resource.

## What is the role of the "Content-Type" header in a REST API request?

## Answer: It defines the format of the request payload.

## What is the purpose of the "Authorization" header in a REST API request?

## Answer: It provides authentication credentials for accessing protected resources.

## What is the difference between POST and PUT methods in REST API?

## Answer: POST is used for creating resources while, PUT is used for updating resources.

## Which HTTP status code range indicates a client error?

## Answer: 400-499.

## In REST API design, what is idempotency?

## Answer: The property that a method can be called multiple times without different outcomes.

## What is the primary purpose of the HTTP OPTIONS method in REST APIs?

## Answer: To retrieve the communication options available on a resource or server.

## Which of the following best describes HATEOAS in the context of REST APIs?

## Answer: An architectural style that enables easy navigation between resources through hyperlinks.

## What is the function of the "Accept" header in an HTTP request in REST APIs?

## Answer: Specifies the type of responses the client can understand.