

Ostad all exam questions

Live Exam 1:

Endpoint Documentation for Testing BASE URL:

<https://ria.zayedabdullah.com/ostad/simpleblog/api/v1>

1. User Registration Endpoint • URL: /auth/register/ • Method: POST •

Request Body: ◦ username (string): Required ◦ password (string): Required • Response: ◦ 201 Created: The user was successfully registered. ◦ Content-Type: application/json ◦ Returns the registered user's information (without the password). 2. Blog List Endpoint • URL: /blogs/ • Method: GET • Response: ◦ 200 OK: Returns a list of blogs in JSON format. ◦ Content-Type: application/json ◦ Each blog contains:

■ title (string): Blog title. ■ content (string): Blog content. ■ created_at (string, date-time): Creation timestamp (read-only). ■ creator (User object): The user who created the blog (read-only). • Security: ◦ Basic Authentication 3. Blog Creation Endpoint • URL: /blogs/ • Method: POST

• Request Body: ◦ title (string): Required ◦ content (string): Required • Response: ◦ 201 Created: The blog was successfully created. ◦ Content-Type: application/json ◦ Returns the created blog's details including title, content, created_at, and creator

. • Security: ◦ Basic Authentication Tasks for Testing API Endpoints Using Postman

• Task 1: Test User Registration [Mark : 20] ◦ Use the POST method to send a request to the auth/register/ endpoint. ◦ Create a new user with username and password. ◦ Verify the response status code is 201 and check if the returned data matches the registered user details.

• Task 2: Test Blog Listing [Mark : 40] ◦ Use the GET method to request the blogs/ endpoint. ◦ Ensure you provide valid authentication credentials. Use the created username and password to authenticate. Use Basic Auth for authentication. ◦ Verify that the response status is 200 if authentication is successful. ◦ Ensure the response contains a list of blogs in JSON format. And it follows the structure mentioned in the documentation. •

Task 3: Test Blog Creation [Mark : 40] ◦ Use the POST method to send a request to the blogs/ endpoint. ◦ Create a new blog with a title and content. ◦ Ensure the correct response code 201 is returned if the blog is successfully created. ◦ Verify that valid authentication is required for this request. give the answer with details