API ENDPOINT TESTS

This document is to help guide on how to test the API endpoints on Postman.

1. Make Sure the server is running:

node server.js

You should see:

Server is running on http://localhost:3000

2. Open Postman and Create a New Request

Request Setup: Method: GET

- URL: http://localhost:3000/user/1 (or our other endpoints).

Headers Tab:

- Add a new header:
  - Key: Authorization
    - Value: Bearer testtoken123
  - Key: Content-Type
    - Value: application/json

3. Send the Request

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0. Base URL (for local development): http://localhost:3000

1. GET /users – Return all users:

URL: http://localhost:3000/users
Headers: Authorization: Bearer testtoken123

Body: None.

2. GET /user/:id – Return a specific user by ID:

URL: http://localhost:3000/user/2
Headers: Authorization: Bearer testtoken123

Body: None.

3. GET /users/:id/achievements – Return achievements for a user:

URL: http://localhost:3000/users/2/achievements
Headers: Authorization: Bearer testtoken123

Body: None.

4. POST /user/:id/xp – Update XP for a user:

URL: http://localhost:3000/user/2/xp

Headers: Both.

Body (JSON):

```
{

  "xp": 1500

}
```

5. GET /questions – Return all questions:

URL: http://localhost:3000/questions
Headers: Content-Type: application/json

Body: None.

6. GET /question/:level – Return questions for a specific level:

URL: http://localhost:3000/question/4
Headers: Both.

Body: None

7. GET /question/:id/answer – Get the correct answer to a question:

URL Example: http://localhost:3000/question/3/answer
Headers: Both.

Body: None

8. GET /questions/topic?topic=Algebra – Questions by topic:

URL: http://localhost:3000/questions/topic?topic=Statistics
Headers: Both.

Body: None

9. GET /questions/level/topic?level=4 topic=Algebra – Questions by level and topic:

URL: http://localhost:3000/questions/level/topic?level=4&topic=Statistics
Headers: Content-Type: application/json

Body: None

10. POST /question/:id/answer – Submit an answer to be checked:

URL: http://localhost:3000/question/3/answer
Headers: Content-Type: application/json

Body (JSON):

```
{

  "question": [

    {

      "answer": "x = 5"

    }

  ]

}
```