Testify API Specification (OpenAPI 3.0 Style)

This document provides detailed OpenAPI-style specification for key RESTful API endpoints in the Testify system.

## 1. Register User

Method: POST /auth/register

Description: Register a new user.

* Request:
* Content-Type: application/json
* Body: {'email': 'string', 'password': 'string', 'fullName': 'string', 'role': 'string (ADMIN | CREATOR | STUDENT)'}
* Response:
* 201 Created:
* message: User registered successfully.
* 400 Bad Request:
* error: Validation failed

## 2. Login User

Method: POST /auth/login

Description: Authenticate user and return JWT.

* Request:
* Content-Type: application/json
* Body: {'email': 'string', 'password': 'string'}
* Response:
* 200 OK:
* accessToken: JWT string
* expiresIn: integer (seconds)
* 401 Unauthorized:
* error: Invalid credentials

## 3. Get Current User

Method: GET /users/me

Description: Fetch the authenticated user's profile.

* Headers:
* Authorization: Bearer <token>
* Response:
* 200 OK:
* id: UUID
* email: string
* fullName: string
* role: string
* 401 Unauthorized:
* error: JWT required or invalid

## 4. Get All Tests

Method: GET /tests

Description: Retrieve a list of available tests.

* Response:
* 200 OK:
* tests: [{ id, title, description, timeLimit, isPublic }]

## 5. Submit Test Answers

Method: POST /tests/{id}/submit

Description: Submit answers to a specific test.

* Headers:
* Authorization: Bearer <token>
* Request:
* Content-Type: application/json
* Body: {'answers': [{'questionId': 'UUID', 'selectedAnswerIds': ['UUID', 'UUID']}]}
* Response:
* 200 OK:
* submissionId: UUID
* score: number
* passed: boolean
* 400 Bad Request:
* error: Missing answers or invalid format