

Swagger Documentation — EXMDirect API

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Overview

This document summarizes the REST API endpoints of the EXMDirect system, based on OpenAPI 3.0 specification

Authentication

POST /auth/login

- Authenticates user and returns JWT token
- Requires: username, password

Tests

GET /tests

- Returns all tests (teacher only)

POST /tests

- Creates a new test
- Requires: title, list of questions

Results

GET /results/{studentId}

- Returns list of test attempts and scores for given student

AntiCheat Logging

POST /anticheat/log

- Logs cheating-related events during exam
- Requires: studentId, examId, eventType, timestamp

Hints

GET /hints/by-topic?topic=xxx

- Returns all hints related to topic

POST /hints

- Creates a new hint entry

Schemas (Components)

- LoginRequest: username, password
- TestCreateDto: title, questions[]
- HintDto: topic, content
- AntiCheatEventDto: studentId, examId, eventType, timestamp

Response Codes

- 200 OK
- 201 Created
- 400 Bad Request
- 401 Unauthorized- 404 Not Found

Example Request: POST /auth/login

Request:

```
{  
  "username": "teacher1",  
  "password": "secret"  
}
```

Response:

```
{  
  "token": "eyJhbGciOi..."  
}
```