# Illumination

**API Documentation v1.0**

# 📌 API Overview

**Base URL**



**Authentication:**

All endpoints require a Clerk authentication token.





# 🔐 Authentication

## Headers



**Error Response Format**





🎯 **Endpoints**

## Topics

### Get All Topics

**Response:**



### Get Topic Details

**Parameters:**

| Name | Type | Description |
| --- | --- | --- |
| id | string | Topic identifier |

**Response:**



## Lessons

### Get Topic Lessons

**Parameters:**

| Name | Type | Description |
| --- | --- | --- |
| id | string | Topic identifier |

**Response:**





### Get Lesson Details

**Parameters:**

| Name | Type | Description |
| --- | --- | --- |
| id | string | Topic identifier |
| lessonId | number | Lesson identifier |

**Response:**



## Quizzes

### Get All Quizzes



**Response:**



### Get Quiz Details

**Parameters:**

| Name | Type | Description |
| --- | --- | --- |
| id | string | Quiz identifier |

**Response:**





### Submit Quiz

**Request Body:**



**Response:**



## User Progress

### Get User Progress

**Response:**



### Complete Lesson

**Request Body:**



**Response:**





📊 **Data Models**

## Topic



**Lesson**





## Quiz



**UserProgress**

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# ⚡ Rate Limits

100 requests per minute per IP 1000 requests per hour per user

Headers included in response:





# 🔄 Status Codes

| Code | Description |
| --- | --- |
| 200 | Success |
| 201 | Created |
| 400 | Bad Request |
| 401 | Unauthorized |
| 403 | Forbidden |
| 404 | Not Found |
| 429 | Too Many Requests |
| 500 | Server Error |



🛠 **Testing**

Base URL for testing:



Example curl request:





📞 **Support**

For API support and inquiries:

Email: [support@tech-titans.com](mailto:support@tech-titans.com) GitHub Issues: [Submit Issue](https://github.com/htmw/2024F-Tech-Titans/issues)