Quiz Application API

Complete API collection for Quiz Management System

Authentication

POST Register User

http://localhost:5000/register

HEADERS

Content-Type   application/json

Body raw

```
{
  "name": "John Doe",
  "email": "john@example.com",
  "password": "password123",
  "role": "user"
}
```

POST Login User   🔒

http://127.0.0.1:5001/auth/login

AUTHORIZATION Basic Auth

Username   <username>
Password   <password>

POST Logout User

http://localhost:5000/logout

HEADERS

x-access-token   {{user_token}}

User Management

GET   **Get User Profile**

http://localhost:5000/profile

HEADERS

x-access-token   {{user_token}}

GET   **View User Attempts**

http://localhost:5000/USR-201/attempts

HEADERS

x-access-token   {{user_token}}

DELETE   **Delete User Account**

http://localhost:5000/delete

HEADERS

x-access-token   {{user_token}}

PUT   **Update User Role (Admin Only)**

http://localhost:5000/update-role

HEADERS

Content-Type	application/json
x-access-token	{{admin_token}}

Body raw

```json
{
  "email": "john@example.com",
  "role": "admin"
}
```

Guest Access

GET   Get Public Quizzes

http://localhost:5000/public

GET   Preview Quiz

http://localhost:5000/QZ-001/preview

GET   View Public Leaderboard

http://localhost:5000/QZ-001/leaderboard

User Quiz Operations

GET   Get All Quizzes (Paginated)

http://localhost:5000/?pn=1&ps=10

HEADERS

x-access-token   {{user_token}}

PARAMS

pn   1

ps   10

GET   Get Quiz Details

http://localhost:5000/QZ-001

HEADERS

x-access-token   {{user_token}}

POST   Submit Quiz Attempt

http://localhost:5000/QZ-001/attempts

HEADERS

Content-Type   application/json

x-access-token   {{user_token}}

Body raw

```json
{
  "userId": "USR-201",
  "name": "Emma Williams",
  "email": "emma.williams@yahoo.com",
  "answers": ["HTML", "Alexander Graham Bell", "Pacific"]
}
```

Admin Operations

POST   Create New Quiz

http://localhost:5000/admin/quizzes

HEADERS

Content-Type	application/json
x-access-token	{{admin_token}}

Body raw

```json
{
  "title": "Python Programming Quiz",
  "difficulty": "Medium",
  "creator": {
    "name": "Admin User",
    "email": "admin@quizapp.com"
  },
  "questions": [
    {
      "questionId": "Q1",
      "text": "What is Python?",
      "options": ["Snake", "Programming Language", "Bird", "Car"],
      "correct_answer": "Programming Language",
      "marks": 5
    }
  ]
}
```

GET   Get All Quizzes (Admin)

http://localhost:5000/admin/quizzes

HEADERS

x-access-token	{{admin_token}}

GET Get Quiz Details (Admin)

http://localhost:5000/admin/quizzes/QZ-001

HEADERS

x-access-token   {{admin_token}}

PUT Update Quiz

http://localhost:5000/admin/quizzes/QZ-001

HEADERS

Content-Type   application/json

x-access-token   {{admin_token}}

Body raw

```
{
  "title": "Updated Quiz Title",
  "difficulty": "Hard"
}
```

DELETE Delete Quiz

http://localhost:5000/admin/quizzes/QZ-001

HEADERS

x-access-token   {{admin_token}}

GET   View Quiz Attempts

http://localhost:5000/admin/quizzes/QZ-001/attempts

HEADERS

x-access-token   {{admin_token}}

GET   View Quiz Leaderboard

http://localhost:5000/admin/quizzes/QZ-001/leaderboard

HEADERS

x-access-token   {{admin_token}}

GET   Get Statistics

http://localhost:5000/admin/stats

HEADERS

x-access-token   {{admin_token}}