

API Specification Doc

Quiz API

Version	Date	Author	Description
1.0	10-Mar-2019	Gomaa Abed Mohamed	Initial draft
1.1	18-Mar-2019	Amr Mohamed Fahmy	Added version number in response

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Methods

1. get All Quizes

Get All Categories of the Available Quizes

Request

Method	URL
GET	http://localhost/Quiz/api/read.php

Response

Status	Response
200	<p>Response will be an array of objects containing the list of Quizes as well as the updated recipe database. Each item in the recipe array has the following structure.</p> <pre>[{ "QuizId": "631", "QuizTitle": "Operating System", "QuizDescription": "Test Your self in OS Principles", "TotalScore": "10", "Duration": "10" }, { "QuizId": "1886", "QuizTitle": "OOP", "QuizDescription": "Great Subject", "TotalScore": "7", "Duration": "9" }]</pre>

401	{"error": "Invalid API key."}
500	{"error": "Something went wrong. Please try again later."}

2. Get Score

Get the score of some user of specific quiz by its title and userId

Request

Method	URL
GET	http://localhost/Quiz/api/read_single.php?QuizId=1886

Type	Params	Values
POST	QuizId	number

Response

Status	Response
200	<p>Quiz Object have info and Quistions</p> <p>Example response:-</p> <pre>[{ "QuizId": "1886", "QuizTitle": "OOP", "QuizDescription": "Great Subject", "TotalScore": "7", "Duration": "9"</pre>

	<pre> }, [{ "QId": "1886", "QuestId": "256", "Quetion": "What is your Name MA", "Valid": "Tarek", "FakeAns1": "Said", "FakeAns2": "Amr Fahmy", "FakeAns3": "Gomaa Abd" }, { "QId": "1886", "QuestId": "601", "Quetion": "MM", "Valid": "HH", "FakeAns1": "HH", "FakeAns2": "HH", "FakeAns3": "HHH" }, { "QId": "1886", "QuestId": "637", "Quetion": "KK", "Valid": "KKK", "FakeAns1": "LL", "FakeAns2": "QQ", "FakeAns3": "QQ" }, { "QId": "1886", "QuestId": "747", "Quetion": "MM", "Valid": "HH", "FakeAns1": "HH", "FakeAns2": "HH", "FakeAns3": "HHH" }]] </pre>
400	{"error": "invalid userID."}
400	{"error": "invalid Quiz Title."}

401	<code>{"error": "Invalid Auth key."}</code>
500	<code>{"error": "Something went wrong. Please try again later."}</code>

Glossary

Conventions

- **Client** - Client application.
- **Status** - HTTP status code of response.
- All the possible responses are listed under 'Responses' for each method. Only one of them is issued per request server.
- All response are in JSON format.
- All request parameters are mandatory unless explicitly marked as **[optional]**
- The type of values accepted for a *request* parameter are shown the the values column like this **[10|<any number>]**. The | symbol means *OR*. If the parameter is **[optional]**, the default value is shown in blue bold text, as **10** is written in **[10|<any number>]**.

Status Codes

All status codes are standard HTTP status codes. The below ones are used in this API.

2XX - Success of some kind

4XX - Error occurred in client's part

5XX - Error occurred in server's part

Status Code	Description
200	OK
201	Created
202	Accepted (Request accepted, and queued for execution)
400	Bad request
401	Authentication failure
403	Forbidden
404	Resource not found
405	Method Not Allowed
409	Conflict

412	Precondition Failed
413	Request Entity Too Large
500	Internal Server Error
501	Not Implemented
503	Service Unavailable