**API DOCUMENTATION**

1. **OAuth Authentication**
2. *Getting OAuth URL from Google Client:*

<http://localhost/quiz-app/api/getUrl.php>  
Method : GET  
Output :

{"authUrl":"https:\/\/accounts.google.com\/o\/oauth2\/v2\/auth?response\_type=code&access\_type=offline&client\_id=773685090248-7bo1uloio6fibdfr13r8jjspb2tj0i81.apps.googleusercontent.com&redirect\_uri=http%3A%2F%2Flocalhost%3A3000%2Fhome&state&scope=email%20profile&approval\_prompt=auto"}

1. *Getting access token from Google*

<http://localhost/quiz-app/api/login.php>

Method : POST

Input:

{"code": "4/0AbUR2VPQlOyXt8osJsew9vT69onJGHzghS\_GppoKTXeX7OAoyECH6nIz\_BVPLRaXVf6L6w"}

Output :

{"name":"Suhaina Begum","token":{"access\_token":"ya29.a0AWY7Ckn4TVrOUmVp9IWs7\_oZPR4bDugMcSBRr2fvUsKWs7sqWhA3R8qdyUZXajcCdq\_cIcfuUcJT19YotRdayJlZT5R3l3BJEoO-hm7IYGDSR2wjchv\_4DFrd7fNOC136H3naTzFE5xzDALuXgnbJv1rGY9\_aCgYKAWwSARASFQG1tDrpkad\_hdTFw9V9Rk7VNOljyQ0163"},"refresh":"1\/\/0gyl1MXvBvJyXCgYIARAAGBASNwF-L9IrfiaR6bpZNVhXPRrnxSRA1k6CwghR5XJwXjNl0ZROYkqWEMguuaUIeva1JEk7Ek6kQbQ"}

1. **Fetching quiz topics from DB**

<http://localhost/quiz-app/api/quiz.php?quiz=topics>

Method : GET

Output :  
On Success :

{"status":"success","topics":[{"id":"1","title":"Sports"},{"id":"2","title":"Science & Technology"},{"id":"3","title":"Arts"},{"id":"4","title":"Politics"}]}

On Error:

{"status":"error","message":"No quiz topics found"}

1. **Displaying the previous quiz score of user who already taken the quiz**<http://localhost/quiz-app/api/quiz.php?quiz=getScore>

Method : POST

Input :

{"topic":1,"name":"Suhaina Begum"}

Output :

OnSuccess :

{"status":"success","score":"4"}

OnError :

{"status":"error","message":"No score found"}

1. **Fetching and displaying the questions under the selected topic**

<http://localhost/quiz-app/api/quiz.php?quiz=questions>

Method : POST

Input :

{"topic":1}

Output :

OnSuccess :

{"status":"success","topic":"Sports","questions":[{"qn\_id":"7","qns":"Ryder Cup is related with which sports?","options":["Cricket","Badminton","Golf","Football"],"correct\_ans":"Golf","level":"beginner"},{"qn\_id":"3","qns":"The term \"Butterfly Stroke\" is referred to in which sport?","options":["Wrestling","Volleyball","Tennis","Swimming"],"correct\_ans":"Swimming","level":"beginner"},{"qn\_id":"6","qns":"Thomas Cup is related to","options":["Tennis","Cricket","Basketball","Badminton"],"correct\_ans":"Badminton","level":"beginner"},{"qn\_id":"9","qns":"Where is the headquarters of the International Olympic Committee located?","options":["Italy","France","Belgium","Switzerland"],"correct\_ans":"Switzerland","level":"beginner"},{"qn\_id":"2","qns":"In which sports is the participant called pugilist?","options":["Sprinter","Boxing","Wrestling","Javelin throw"],"correct\_ans":"Boxing","level":"intermediate"},{"qn\_id":"5","qns":"The term \"Beamer\" is associated with","options":["Cricket","Hockey","Chess","Football"],"correct\_ans":"Cricket","level":"intermediate"},{"qn\_id":"12","qns":"The first World Cup in cricket was held in","options":["1971","1973","1975","1977"],"correct\_ans":"1975","level":"intermediate"},{"qn\_id":"4","qns":"Who was the first Test Centurion in India Cricket?","options":["C.K. Naidu","Lala Amarnath","Vinu Mankad","Mansur Ali Pataudi"],"correct\_ans":"Lala Amarnath","level":"professional"},{"qn\_id":"1","qns":"When was the first Common Wealth Games held?","options":["1930","1934","1938","1948"],"correct\_ans":"1934","level":"professional"},{"qn\_id":"8","qns":"Which was the first country to host the Asian Games?","options":["China","Japan","India","Korea"],"correct\_ans":"India","level":"professional"}]}

OnError :

{"status":"error","message":"No questions found for this topic"}

1. **Saving quiz answers and score in DB**

<http://localhost/quiz-app/api/quiz.php?quiz=answers>

Method : POST

Input :

{"ans":{"topics":{"topic\_id":"1","user\_name":"Suhaina Begum"},"qn\_ans":{"1":{"user\_answer":"1934","correct\_ans":"1934"},"2":{"user\_answer":"Boxing","correct\_ans":"Boxing"},"3":{"user\_answer":"Tennis","correct\_ans":"Swimming"},"4":{"user\_answer":"Lala Amarnath","correct\_ans":"Lala Amarnath"},"5":{"user\_answer":"Football","correct\_ans":"Cricket"},"6":{"user\_answer":"Cricket","correct\_ans":"Badminton"},"7":{"user\_answer":"Badminton","correct\_ans":"Golf"},"8":{"user\_answer":"India","correct\_ans":"India"},"9":{"user\_answer":"Italy","correct\_ans":"Switzerland"},"12":{"user\_answer":"1975","correct\_ans":"1975"}}},"scoreData":5}

Output :

OnSuccess :

{"status":"success","message":"Saved succesfully"}

OnError :

{"status":"error","message":"Answers or score not saved in database"}