Corp Training Application – RESTFUL API documentation

1. lessons
   - Return all the lessons
   - URL template: http://mgl.usask.ca:8080/training/api/lessons
   - Method: GET
   - Return result will be list of following objects:
     - id: Integer
     - description: String
     - url: String
     - title: String
     - screenCount: Integer

2. lessons/{lesson_id}
   - URL template: http://mgl.usask.ca:8080/training/api/lessons/{lesson_id}
   - Method: GET
   - Return result will be the one particular lesson:
     - id: Integer
     - description: String
     - url: String
     - title: String
     - screenCount: Integer

3. lessons/{lesson_id}/screens/
   - URL template: http://mgl.usask.ca:8080/training/api/lessons/{lesson_id}
   - Method: GET
   - Return result will be list of screen objects:
     - id: Integer
     - type: String
     - position: Integer
     - text: String
     - textList: Array list of this object {order: Integer, text: String}.
     - video_url: String
     - question: String
     - audio_url: String
     - optionsUrl: String
     - imagesUrl: String
     - media: String

4. lessons/{lesson_id}/screens/{screen_id}
   - URL template:
     http://mgl.usask.ca:8080/training/api/lessons/{lesson_id}/screens/{screen_id}
   - Method: GET
   - Return result will be a one screen object:
     - id: Integer
     - type: String
     - position: Integer

- o text: String
- o title: String
- o textList: List of text object like {order: Integer, text: String}]
- o video_url: String,
- o question: String,
- o audio_url: String,
- o options: List of option objects [{id: Integer, order: Integer, title: String, detail: String, dataId: String}],
- o images: List of image objects [{url: String, title: String}],
- o media: String

5. lessons/{lesson_id}/screens/position/{position}
   - URL template:
     http://mgl.usask.ca:8080/training/api/lessons/{lesson_id}/screens/position/{position}
   - Method: GET
   - Return result will be a one screen object at the given position:
     - o id: Integer
     - o type: String
     - o position: Integer
     - o text: String
     - o title: String
     - o textList: List of text object like {order: Integer, text: String}]
     - o video_url: String,
     - o question: String,
     - o audio_url: String,
     - o options: List of option objects [{id: Integer, order: Integer, title: String, detail: String, dataId: String}],
     - o images: List of image objects [{url: String, title: String}],
     - o media: String

6. lessons/{lessonid}/screens/nextscreen/{screenid}
   - URL template:
     http://mgl.usask.ca:8080/training/api/lessons/{lessonid}/screens/nextscreen/{screenid}
   - Method: GET
   - Return result will be a next screen of the screen:
     - o id: Integer
     - o type: String
     - o position: Integer
     - o text: String
     - o title: String
     - o textList: List of text object like {order: Integer, text: String}]
     - o video_url: String,
     - o question: String,
     - o audio_url: String,
     - o options: List of option objects [{id: Integer, order: Integer, title: String, detail: String, dataId: String}],

- o images: List of image objects [{url: String, title: String}],
- o media: String

7. lessons/{lessonid}/screens/{screenid}/images
   - URL template:
     http://mgl.usask.ca:8080/training/api/lessons/{lessonid}/screens/{screenid}/images
   - Method: GET
   - Return result will be list of image object:
     - o url: String
     - o title: String

8. lessons/{lessonid}/screens/{screenid}/options
   - URL template:
     http://mgl.usask.ca:8080/training/api/lessons/{lessonid}/screens/{screenid}/options
   - Method: GET
   - Return result will be list of option object of the particular screen:
     - o id: Integer
     - o order: Integer
     - o title: String
     - o detail: String
     - o dataId: String

9. lessons/{lessons}/testanswers
   - URL template: http://mgl.usask.ca:8080/training/api/lessons/{lessonid}/testanswers
   - Method: POST
   - Content-Type: JSON
   - Examples:
     - o URL: http://mgl.usask.ca:8080/training/api/lessons/144/testanswers
     - o Method: POST
     - o Content-Type: JSON
     - o Payload: [

       {"optionId":199,

       "userId":32,

       "screenId":167

       }

       ]

   - Result: {result: "success"}

     or

     {result: "fail"}

10. /auth/login
    - URL template: http://mgl.usask.ca:8080/training/api/auth/login
    - Method: POST
    - Content-Type: JSON
    - Payload: { email: String, password: String }

- Result: {result: String, token: String}
  - **The login is successful case:**
    {result: "success", token: "eyJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJDT1JQT1JBVEVfVFJBTklORyIsImF1ZCI6Ik5vdFJlYWxseUltcG9ydGFudCIsImlhdCI6MTQ2NDc0NjU5NywiZXhwIjoxNDY0ODMyOTk3LCJpbmZvIjp7InVzZXJJJZCI6ImExQGEuY29tIn19.hbqUgALL14fZbDhO2zdDWTe6z2eOjv0b_RETPYOKX68"}
  - **The login is not successful case:**
    {result: "fail", token: ""}

11. auth/profile/{token}
    - URL template: http://mgl.usask.ca:8080/training/api/auth/profile/{token}
    - Method: GET
    - Result will be the user information:
      - id: Integer
      - firstName: String
      - lastName: String
      - email: String
      - phone: Integer

12. auth/logout/{token}
    - URL template: http://mgl.usask.ca:8080/training/api/auth/logout/{token}
    - Method: GET
    - Result will be the result object information:
      - result: String – if it is successful, it will return "success". Otherwise, it will return "fail".

13. /auth/register
    - URL template: http://mgl.usask.ca:8080/training/api/auth/register
    - Method: POST
    - Content-Type: JSON
    - Payload: { firstName: String, lastName: String, email: String, password: String, phone: Long }
    - Result: {result: String }
      - **The registration is successful case:**
        {result: "success"}
      - **The registration is unsuccessful case:**
        {result: "fail"}

Corp Training Manager Application – RESTFUL API documentation

1. lessons/testresults/users/{user_id}
    a. URL template: http://mgl.usask.ca:8080/training/api/lessons/testresults/users/{user_id}
    b. Method: GET
    c. Result will be the list of test results:
        o lessonName: String
        o userDisplayName: String
        o lessonId: Integer
        o totalScore: Integer
        o userScore: Integer
        o userId: Integer
2. lessons/testresults/users
    a. URL template: http://mgl.usask.ca:8080/training/api/lessons/testresults/users
    b. Method: GET
    c. Result will be list of users:
        i. userId: Integer
        ii. displayName: String

Note: Corp training manager app, you can use login, register, profile, and logout methods same as Corp Training Application.