PR #7: Feature/create api endpoints for saving, deleting, updating and copying tests
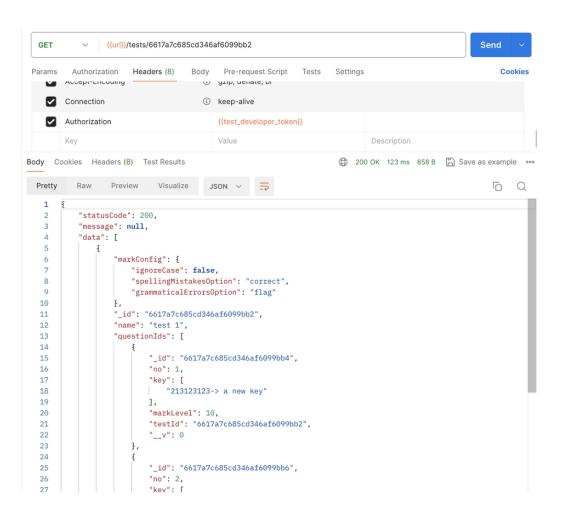
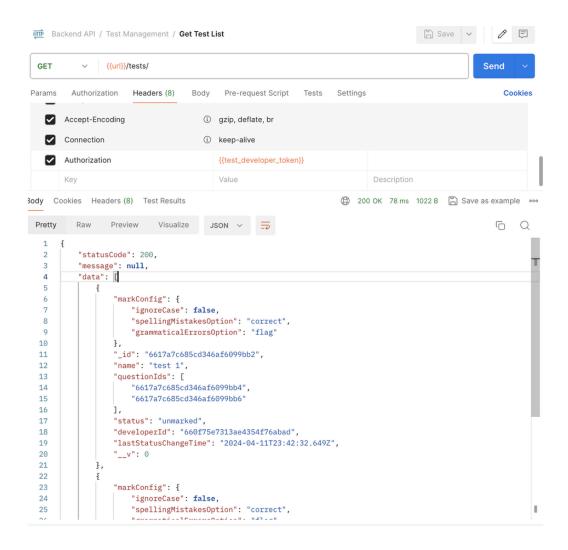|	
Date	10 Apr 2024
Author	@Shulei He
Reviewer	@xueshuo li
PR/ Branch	Feature/schema for roles
Status	APPROVED
Number of Conversations	2

Code Changes

Changes Made:

- Save a test. This endpoint will handle both creating a new test and updating an existing one, depending on whether a test _id is provided, and will return the test.
- Fetch a test content. This endpoint retrieves details of a specific test, including a list of all questions associated with the test.
- Delete a test. This endpoint deletes a specific test and all associated questions. - Get test list. This endpoint lists all tests available in the system but does not include the list of questions for each test.
- Duplicate test. This endpoint duplicates a given test, including all its associated questions.

POST ∨ {{url}}/tests/save/ **Send** ∨

Params Authorization Headers (10) Body ● Pre-request Script Tests Settings **Cookies**

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON ∨ **Beautify**

```
1  {
2      "_id": "6617a7c685cd346af6099bb2",
3      "name": "test 1",
4      "questions": [
5          {
6              "_id": "6617a7c685cd346af6099bb4",
7              "key": ["213123123-> a new key"],
8              "markLevel": 10
9          },
10         {
11             "_id":"6617a7c685cd346af6099bb6",
12             "key": ["Good Afternoon!"],
13             "markLevel": 3
14         }
15     ],
16     "markConfig": {
17         "ignoreCase": false,
18         "spellingMistakesOption": "correct",
19         "grammaticalErrorsOption": "flag"
20     }
21 }
```

GET ∨ {{url}}/tests/6617a7c685cd346af6099bb2 **Send** ∨

Params Authorization Headers (8) Body Pre-request Script Tests Settings **Cookies**

☑	Accept-Encoding	ⓘ	gzip, deflate, br
☑	Connection	ⓘ	keep-alive
☑	Authorization		{{test_developer_token}}
	Key		Value	Description

Body Cookies Headers (8) Test Results   ⊕ 200 OK 123 ms 858 B 🖫 Save as example ∘∘∘

Pretty Raw Preview Visualize   JSON ∨

```
1  {
2      "statusCode": 200,
3      "message": null,
4      "data": [
5          {
6              "markConfig": {
7                  "ignoreCase": false,
8                  "spellingMistakesOption": "correct",
9                  "grammaticalErrorsOption": "flag"
10             },
11             "_id": "6617a7c685cd346af6099bb2",
12             "name": "test 1",
13             "questionIds": [
14                 {
15                     "_id": "6617a7c685cd346af6099bb4",
16                     "no": 1,
17                     "key": [
18                         "213123123-> a new key"
19                     ],
20                     "markLevel": 10,
21                     "testId": "6617a7c685cd346af6099bb2",
22                     "__v": 0
23                 },
24                 {
25                     "_id": "6617a7c685cd346af6099bb6",
26                     "no": 2,
27                     "key": [
```

Save ∨ | ✎ 💬

| GET ∨ | {{url}}/tests/ | Send ∨ |

Params   Authorization   **Headers (8)**   Body   Pre-request Script   Tests   Settings   **Cookies**

☑	Accept-Encoding	ⓘ	gzip, deflate, br	
☑	Connection	ⓘ	keep-alive	
☑	Authorization		{{test_developer_token}}	
	Key		Value	Description

Body   Cookies   Headers (8)   Test Results   🌐 200 OK   78 ms   1022 B   💾 Save as example   •••

Pretty   Raw   Preview   Visualize   JSON ∨   ⇥   📋   🔍

```json
1  {
2      "statusCode": 200,
3      "message": null,
4      "data": [
5          {
6              "markConfig": {
7                  "ignoreCase": false,
8                  "spellingMistakesOption": "correct",
9                  "grammaticalErrorsOption": "flag"
10             },
11             "_id": "6617a7c685cd346af6099bb2",
12             "name": "test 1",
13             "questionIds": [
14                 "6617a7c685cd346af6099bb4",
15                 "6617a7c685cd346af6099bb6"
16             ],
17             "status": "unmarked",
18             "developerId": "660f75e7313ae4354f76abad",
19             "lastStatusChangeTime": "2024-04-11T23:42:32.649Z",
20             "__v": 0
21         },
22         {
23             "markConfig": {
24                 "ignoreCase": false,
25                 "spellingMistakesOption": "correct",
```

General Comments

- it looks all good except it seems there is a minor "bug" regarding the saving test api

Specific Comments

File	Line Number	Comment	Following Action
src/dto/test.dto.ts	7	should be `questionIds`	Changed `questions` to `questionIds`
src/tests/tests.service.ts	95	should be `questionIds`	Changed `questions` to `questionIds`

✏️ Conclusions

🔀 Update `questions` to `questionIds`

🔗 Reference materials