

PR #8: Feature/tw 141 test api modification

Date	10 Apr 2024
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PR/ Branch	Feature/tw 141 test api modification
Status	APPROVED
Number of Conversations	1

Code Changes

Changes Made:

- Update test schema and question schema to support multiple keys and extra configuration.

Backend API / Test Management / Save Test

POST

{{url}}/tests/save/

Send

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

```
1 {
2   ..._id: "66221dce0505518c8c2170dc",
3   ...markConfig: {
4     ...caseMistakesOption: "incorrect",
5     ...contractionMistakesOption: "flag",
6     ...punctuationMistakesOption: "incorrect",
7     ...spellingMistakesOption: "correct",
8     ...grammaticalErrorsOption: "incorrect"
9   },
10  ...name: "COMP90082 Final Exam",
11  ...questionIds: [
12    ...
13    ...title: "1a",
14    ...keys: [
15      ...
16    ]
17  ]
18 }
```

Body

Cookies

Headers (8)

Test Results

200 OK

437 ms

1 KB

Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "statusCode": 200,
3   "message": "Success",
4   "data": {
5     "test": {
6       "markConfig": {
7         "caseMistakesOption": "incorrect",
8         "contractionMistakesOption": "flag",
9         "punctuationMistakesOption": "incorrect",
10        "spellingMistakesOption": "correct",
11        "grammaticalErrorsOption": "incorrect"
12      },
13      ...
14    }
15  }
16 }
```

- Update authorization check for `fetch test content` , `fetch test list` , `duplicate` , and `save` (published tests can be viewed, edited and duplicated by others).
- Test developers can edit all tests created by themselves.
- Save multiple keys and their alternative options for each question.

```

8      "contractionMistakesOption": "flag",
9      "punctuationMistakesOption": "incorrect",
10     "spellingMistakesOption": "correct",
11     "grammaticalErrorsOption": "incorrect"
12   },
13   "_id": "66221dce0505518c8c2170dc",
14   "name": "COMP90082 Final Exam",
15   "questionIds": [
16     {
17       "_id": "662223467835f032db55f149",
18       "title": "1a",
19       "keys": [
20         {
21           "key": "How are you",
22           "alternativeKeys": {
23             "are": [
24               "x"
25             ],
26             "you": [
27               "u"
28             ]
29           }
30         },
31         {
32           "key": "I need to colorise the image.",
33           "alternativeKeys": {
34             "colorise": [
35               "colorize"
36             ],
37             "image": [
38               "picture"
39             ]
40           }
41         }
42       ]
43     }
44   ]
45 }

```


General Comments

- the APIs work smoothly, good job!

Specific Comments

File	Line Number	Comment	Following Action

Conclusions

-  Support Multiple keys and each of them has alternative keys(options).

Reference materials