

PR #10: Feature/tw 85 create test by loading an excel api

Date	10 Apr 2024
Author	@Shulei He
Reviewer	@xueshuo li
PR/ Branch	Feature/tw 85 create test by loading an excel api
Status	APPROVED
Number of Conversations	2

Code Changes

Changes Made:

- Fix the bug of not creating test properly when the `_id` is null.
- Implement the endpoint of importing the question excel file.
- Generate and format the alternative keys based on the imported file.

Backend API / Test Management / Import Test

POST {{url}}/tests/import/ Send

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

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	file	File <input type="text" value="Test_questions.xlsx"/>	Excel file of questions and keys		
<input checked="" type="checkbox"/>	name	Text <input type="text" value="Test 1"/>	Test Name		
<input type="checkbox"/>	ignoreCase	Text <input type="text" value="true"/>			
<input type="checkbox"/>	spellingMistakesOption	Text <input type="text" value="incorrect"/>			

Body Cookies Headers (8) Test Results 201 Created 44 ms 1.05 KB Save as example

Pretty Raw Preview Visualize JSON

```

4  "data": {
5    "name": "Test 1",
6    "questionIds": [
7      {
8        "title": "1a",
9        "keys": [
10         {
11           "key": "How are you.",
12           "alternativeKeys": {
13             "are": [
14               "I"
15             ]
16           }
17         },
18         {
19           "key": "I need to colorise the image. What do you think?",
20           "alternativeKeys": {
21             "image": [
22               "picture",
23               "photo"
24             ]
25           }
26         }
27       ]
28     }
29   }

```

General Comments

there was a problem with signing up, please have a look:

```

at /Users/lixueshuo/UniMelb/2024-s1-TT/TT-scoring-backend/node_modules/@nestjs/core/router/router-proxy.js:9:17
[Nest] 4574 - 04/29/2024, 1:14:24 PM ERROR [ExceptionHandler] data and salt arguments required
Error: Open file in editor (cmd + click)
at /Users/lixueshuo/UniMelb/2024-s1-TT/TT-scoring-backend/node_modules/bcrypt/bcrypt.js:137:17
at /Users/lixueshuo/UniMelb/2024-s1-TT/TT-scoring-backend/node_modules/bcrypt/promises.js:29:12
at new Promise (<anonymous>)
at Object.module.exports.promise (/Users/lixueshuo/UniMelb/2024-s1-TT/TT-scoring-backend/node_modules/bcrypt/promises.js:20:12)
at Object.hash (/Users/lixueshuo/UniMelb/2024-s1-TT/TT-scoring-backend/node_modules/bcrypt/bcrypt.js:133:25)
at AuthService.signIn (/Users/lixueshuo/UniMelb/2024-s1-TT/TT-scoring-backend/src/auth/auth.service.ts:24:37)
at processTicksAndRejections (node:internal/process/task_queues:95:5)
at /Users/lixueshuo/UniMelb/2024-s1-TT/TT-scoring-backend/node_modules/@nestjs/core/router/router-execution-context.js:46:28
at /Users/lixueshuo/UniMelb/2024-s1-TT/TT-scoring-backend/node_modules/@nestjs/core/router/router-proxy.js:9:17

```

Backend API / Authentication / Login

POST{{url}}/auth/login/

Send

ParamsAuthorizationHeaders (9)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

```
1 {
2   "username": "bob",
3   "password": "bob"
4 }
```

BodyCookiesHeaders (8)Test Results

Status: 500 Internal Server ErrorTime: 30 msSize: 338 BSave as example

PrettyRawPreviewVisualizeJSON

```
1 {
2   "statusCode": 500,
3   "message": "Internal server error"
4 }
```

Specific Comments

File	Line Number	Comment	Following Action
-	-	The issue was due to changes made by another team.	Reaching out to the team responsible for the conflicting changes to discuss how to solve this issue.

Conclusions

✔ Allow users to upload an excel file to import test questions

Reference materials