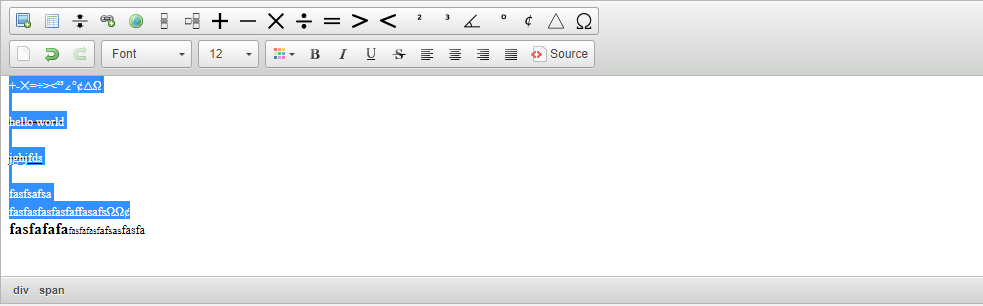
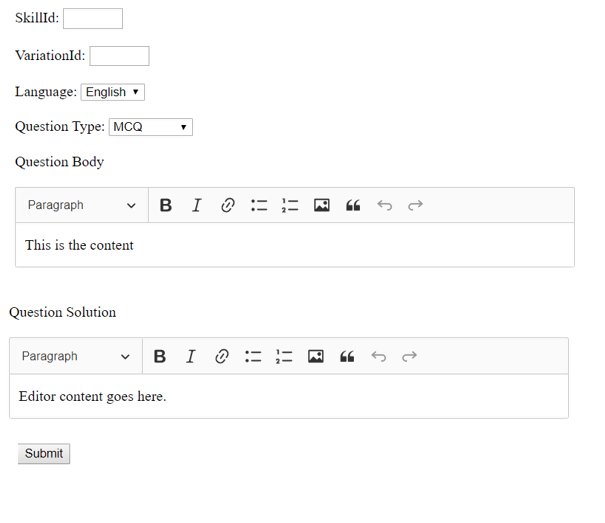
Requirement:

1. Currently we have a customized CKeditor:



The solution we need to a question uploader with the following UI, with the input box resized.



Where skill, variation, language, question type should be user input.

Question Body and Question Solution need to be **parsed** before sending via API.

There should have submit button to trigger the upload of the questions

APIs:

1. For all APIs you need a token

headers = {  
'Content-Type': "application/x-www-form-urlencoded",  
'cache-control': "no-cache",  
'Postman-Token': "5fe469c1-209a-4a8d-83ab-0490ac75bfd7"  
}  
payload = "grant\_type=password&username=luke%40koobits.com&password=koobits"  
url = <https://dev.api.koobits.com/contentapi/token>

response = requests.request("POST", url, data=payload, headers=headers)

1. Base on the content of the input box, the user should be able to upload the questions using the following API:

<https://dev.api.koobits.com/contentapi/NewQuestion/Upload>

header = {  
 'Content-Type': "application/json",  
 'Authorization': "bearer " + token,  
}

data:

for the new question, Id should be 0.

**data = {  
 "Id": 0**

**"Language": language, ----🡪 taken from UI  
 "SkillId": skillID, ----🡪 taken from UI  
 "KeyId": 0,  
 "Version": 0,  
 "QuestionType": int(questionType), ----🡪 taken from UI, fill in blank is 2  
 "Payload": payload,🡪Add the 2 input box with some parsing(to be explained)  
 "EditorialStatus": 0,  
 "ReferenceQuestionId": 0,  
 "VariationId": variationID, ----🡪 taken from UI  
}**

If some of the field in the UI is blank, there should be a pop up window remind the user the corresponding field is missing.

Response is like:

{'IsSuccessful': True,

'Message': None,

'Result': {'Id': 7000010, 'Language': 'English', 'SkillId': 2605, 'VariationId': 5629, 'KeyId': 81570, 'Version': 2, 'ReferenceQuestionId': 0, 'Difficulty': None, 'RecordStatus': 1, 'EditorialStatus': 0, 'QuestionType': 2, 'Payload': '<Question Id="7000010" KeyId="81570" Type="2" Version="2" > <Body><Content><![CDATA[<p>Giselle lebih pendek 2 cm daripada Robert.<br>Tinggi Robert 163 cm, dan Leonard lebih pendek 5 cm daripada Giselle.</br>Berapakah tinggi Leonard?</p><br><input type="text" value=""> cm]]></Content></Body><Answers><Answer Key="key1" Value="156" Type="Number" /></Answers><Solution><Content><![CDATA[<p><img uniqueid="P2-BHIN-LENGT-S02-EXPV3001" refid="1" url="https://koobits.blob.core.windows.net/spp/qImage/P2-BHIN-LENGT-S02-EXPV3001.PNG"><br>163 cm - 2 cm = 161 cm</br>161 cm - 5 cm = 156 cm<br>Tinggi Leonard 156 cm.</p><br>]]></Content></Solution></Question>'}}

If any error, **should have a pop up window** state there is error.

If successfully, **should have a pop up window** state successfully retrieve the content and shows the question number, skill id and variation id, format is like:

Question 7000010 is successfully created!

Skill ID:2605

Variation ID: 5629

**Parse Details:**

1.

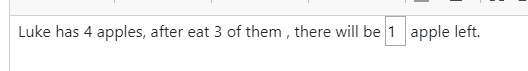
The payload of the question is like:

<Body><Content><![CDATA[<p>Sederhanakan bentuk aljabar berikut.<br><br>a + a + a + a = [blank1]?</p><br><input type=\"text\" value=\"\">]]></Content></Body><Answers><Answer Key=\"key1\" Value=\"4a\" Type=\"Text\" /></Answers><Solution><Content><![CDATA[<p>a + a + a + a = 4a</p><br>]]></Content></Solution></Question>

It contains 3 parts tag, <Body>, <Answer>, <Solution>, all of them is in html content, same as the content inside the editor.

For the question body input box, you need to extract the value out from the input box, and input as empty; and create answer tag in the payload, with the value extract from the solution body;

For example:



In the inputbox, will become a payload like:

Luke has 4 apples, after eat 3 of them , there will be&nbsp;<input class="simplebox-input" style="cursor: col-resize; width: 21px;" value="1" />&nbsp;apple left.

<Body><Content><![CDATA[Luke has 4 apples, after eat 3 of them , there will be&nbsp;<input class="simplebox-input" style="cursor: col-resize; width: 21px;" value=\"\" />&nbsp;apple left.]></Content></Body><Answers><Answer Key=\"key1\" Value=\"1\" Type=\"Text\" /></Answers><

If you have more than 1 input box in the question, the parsing need to put the ordering of the input key and answer key as follow:

The solution is just the solution body in html content, just need to add “><Solution><Content><![CDATA[” in front and

“>]]></Content></Solution></Question>” at the back.

In case to have more than one input, the question body will be like:

<p>The clock below shows the time Wei Xiang feeds his cat.</br>What time is it?</br>(Red is hour hand)</br><img>P1-PS-TIME1-S02-Q001</img></br>(Use numeric value to represent hour.</br> For example, use "half past 2" instead of "half past two".)</p><br/><input id ="key1" type="text" value="half"/> past <input id ="key2" type="text" value="1"/>

The answer body will be like：

<Answers>

<Answer Key="key1" Value="half" Type="Text" />

<Answer Key="key2" Value="1" Type="Number" />

</Answers>