Work Left to Implement

Debug Current Work:

Currently There are two main aspects that I want to debug, The delete functionality and the Add button. When a row is deleted currently the code sets the selected row to the top row. However the radio button does not reflect this so I think it could lead to people accidentally deleting rows. My initial idea was to make the selectedRow null however when that happened it lead to the delete button deleting the header row. Logic needs to be implemented for if the selectedRow is null no deletion is made. The add button also needs to be debugged as it is supposed to create a modal dialogue that prompts the user to enter the data for the key value pair however the modal dialogue no longer appears.

CKEditor Implementation:

My plan to implement this would be a button that converts the textarea for data editing into a text area that has a ckEditor instance created for it. There would also be a button to change it back. ckEditor would also have some plugins included to give more options to the user.

Complex Data Structure Implementation:

Currently my web application does not include any logic for when the value of something is not a single object. So I need to design a way for the user to input arrays or entire data structures as a value. Alongside this is the need for logic to decipher between these instances to ensure that the data is correctly stored within the databases.

Login/Security:

In order to implement Security I need a login page. Which means I will need to create a structure one the front-end to accept credentials from the user to be authenticated against alongside methods on the server to authenticate users. This part of the application will also be

somewhat of a learning curve for me as I have little experience implementing security measures into web applications. I have heard that you can use an API to login using google accounts instead of having to develop it entirely myself. SO research should be done to see which route I want to take and make sure I choose the implementation that works most for the application I desire to develop.

Styling/ QoL/ QoE:

Here I simply need to make the application look more professional and more user friendly. Currently the state of the application is obviously outdated and in other instances would be very annoying to use in the case that the user is managing a large database. This means Quality of Life features like filters to find the documents you want to edit and a paginator to ensure the user doesn't have to scroll through endless tables.

Research Logistics of adding Schema Enforcement:

Something I would think would be interesting is allowing some sort of admin to implement rules for what kind of data is allowed to be entered and instances where a document requires certain fields and other rules that the people working on the database have to follow while they work. This feature could also come with a schema management page that only admins would be able to access that allows them to make edits to the schema on the fly. The logistics of this must be researched to determine whether a feature like this is worth implementing.

Metadata:

Currently my application does not collect or display metadata the main metadata I want to implement is document creation time, last edited time, last editor time and created by fields. This data would be held for each document and collection allowing for version control. Generating this data and storing it both need to be implemented.