ToC Admin Portal

ToC Admin Portal is a webApplication that edits LernWise ToCs. Users can do CRUD operations on the UI, based on user’s input, the corresponding JSON will be modified.

**Project Description:**

**Home Page:**

**Endpoint**: <http://localhost:8080/tocadmin/gettoc>

Home Page can be accessed by using the above endpoint.

**Editor:**

CRUD Operations can be performed here.

**addDLO button**: adds same DLO to the whole JSON structure at the top (First Position).

**bulkAdd button**: displays the list of DLOs present in ToC JSON and at that position DLO can be appended to JSON.

**bulkDelete button**: displays the list of DLOs present in ToC JSON and provides an option to delete them.

**Update button:** After modifying ToC, tap ‘Update’ to customize your ToC.

**Back button:** Takes user back to Main Page

**Validate:** Checks for spelling mistakes and provides appropriate suggestions.

**Download:** Downloads the modified ToC JSON file.

**View:** Views ToC JSON on UI.

**JSON to Excel:** Converts JSON to Excel

**Excel to JSON:** Converts Excel to JSON

**Note:**

In order to use this module, ruby service should be started and this functionality consumes that service.

**Project Architecture:**

**Editor Module:**

**Front Render:**

**Endpoint**: “/gettoc”

Fetches ToC JSON from MongoDB. This method remaps LernWise ToC to JSTree JSON format.

**View Page:**

**Relative Path**: “Webcontent/WEB-INF/Index.jsp”

JsTree takes JSON from FrontRender as Input and gives output as a Tree structure. ToC can be edited, thus modifying the JSON. The JSON is still in JsTree format.

**Reverse Render:**

**Endpoint**: “/reverse”

Gets modified JsTree JSON and remaps it to LernWise JSON format. Original JSON format is made here.

**JSON to Excel Module:**

Two Controller classes are present that covert JSON to Excel

**a)PrimaryParser :**

**Endpoint**: ”/primaryexcel”

for 1st to 5th standards.

**b)SecondaryParser:**

**Endpoint**: ”/secondaryexcel”

for 6th to 12th standards.

**Excel to JSON Module:**

An external Ruby service should run on port 3000 for this module to work. This endpoint is present in FrontRender class.

For primary grades, endpoint is “/servicepri”

For secondary grades, endpoint is “/service”

**Other Functionalities:**

**View JSON**: end point is in FrontRender class.

**Endpoint**: “/viewtoc”

**Download ToC**: end point is in FrontRender class.

**Endpoint**: “/downloadtoc”

**Spell Suggestions:**

**Relative Path**: “com.toc.functionality/SpellChecker”

**Endpoint**: “/checker”