Komar University Flowcharts

The life cycle

Index.html

The user will click the flowchart he wants

Index.js

FlowchartData.json

Async method will fetch the data from specific json file in data folder and change it to JS Object

The template will be set inner HTML

Index.css
Criical.css

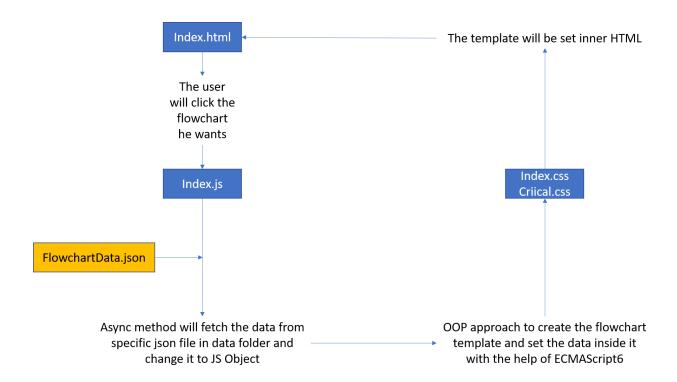OOP approach to create the flowchart template and set the data inside it with the help of ECMAScript6

Notes

- Once the flowchart is set in the HTML page, the download pdf and course descriptions buttons will be available because the js will set the path to them from the json file.
- There are methods in the js file that will set and reset the colors by searching the codes to complete the task automatically to any flowchart added.
- The number of the credits of the flowchart, years, and semesters will be counted by js file.

How to Edit the Existed Flowchart

1. Go to data folder and find its json file
2. If you want to rename the departmentName, make sure to rename the pdfPath to be the same name as the departmentName and do not forget to rename the pdf file in the PDFs folder as well.
3. You can rename the course name and its codes, remove a course, or add a new one and specify the type (university, collage, departmental, optional, rotations) as you want.
4. If the prerequisite to is two codes, ==it's important to follow this==:
   a. preTo, preTo: separate them by comma
   b. preTo | co req: separate them by pipeline

How to Add a New Flowchart

1. Go to index.html and add its div like this (<div tabindex="0">Bussiness</div>).
2. Go to the data folder and ==create a new json file with the same name as the div== you put in the index.html (Bussiness.json) and copy the template from any other similar json file.
3. The value of ==departmentName must be the same as the value of pdfPath.==
4. If there are two pre to codes, separate them ==by comma== and if there are both pre to and co req codes, separate them ==by pipeline==.
5. If the code of the elective course is just credits like 3 CH, it must be inside two brackets like (3 CH).
6. If the course is rotations, write it the same way as the one in mls.json
7. Done. Run it and ctrl+p to save it as a pdf from chrome with the same name as the ==departmentName name then save it in the PDFs folder.==
8. Now you can check the Download PDF button.