# Internship Shakeel Khan 31/05-25/06 2021

**September 28, 2021**

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**CAUTION CONCERNING FORWARD-LOOKING STATEMENTS:**
This document contains "forward-looking statements" – that is, statements related to future events that by their nature address matters that are, to different degrees, uncertain. For details on the uncertainties that may cause our actual future results to be materially different than those expressed in our forward-looking statements, see http://www.ge.com/investor-relations/disclaimer-caution-concerning-forwardlooking-statements as well as our annual reports on Form 10-K and quarterly reports on Form 10-Q. We do not undertake to update our forward-looking statements. This document also includes certain forward-looking projected financial information that is based on current estimates and forecasts. Actual results could differ materially. to total risk-weighted assets.]

**NON-GAAP FINANCIAL MEASURES:**
In this document, we sometimes use information derived from consolidated financial data but not presented in our financial statements prepared in accordance with U.S. generally accepted accounting principles (GAAP). Certain of these data are considered “non-GAAP financial measures” under the U.S. Securities and Exchange Commission rules. These non-GAAP financial measures supplement our GAAP disclosures and should not be considered an alternative to the GAAP measure. The reasons we use these non-GAAP financial measures and the reconciliations to their most directly comparable GAAP financial measures are posted to the investor relations section of our website at www.ge.com. [We use non-GAAP financial measures including the following:

- Operating earnings and EPS, which is earnings from continuing operations excluding non-service-related pension costs of our principal pension plans.
- GE Industrial operating & Verticals earnings and EPS, which is operating earnings of our industrial businesses and the GE Capital businesses that we expect to retain.
- GE Industrial & Verticals revenues, which is revenue of our industrial businesses and the GE Capital businesses that we expect to retain.
- Industrial segment organic revenue, which is the sum of revenue from all of our industrial segments less the effects of acquisitions/dispositions and currency exchange.
- Industrial segment organic operating profit, which is the sum of segment profit from all of our industrial segments less the effects of acquisitions/dispositions and currency exchange.
- Industrial cash flows from operating activities (Industrial CFOA), which is GE’s cash flow from operating activities excluding dividends received from GE Capital.
- Capital ending net investment (ENI), excluding liquidity, which is a measure we use to measure the size of our Capital segment.
- GE Capital Tier 1 Common ratio estimate is a ratio of equity

# Content of internship

# Scope/Perimetre

**Subtitle**

- Objective
  - Create a page for loading a table (excel file) and display in  table format in HTML.
- Approach/Demarche
  - Bibliography search on methods and technologies (Jquery versus php) –T0 + 2 days
  - Specification – Architecture, technologies choice, i.e (PHP versus Jquery) -T0 + 3 days
  - Prototype design and implementation
- Deliverable /Livrables-
  - Code in github
  - Documentation
  - Presentation (this presentation)

# Context of this internship

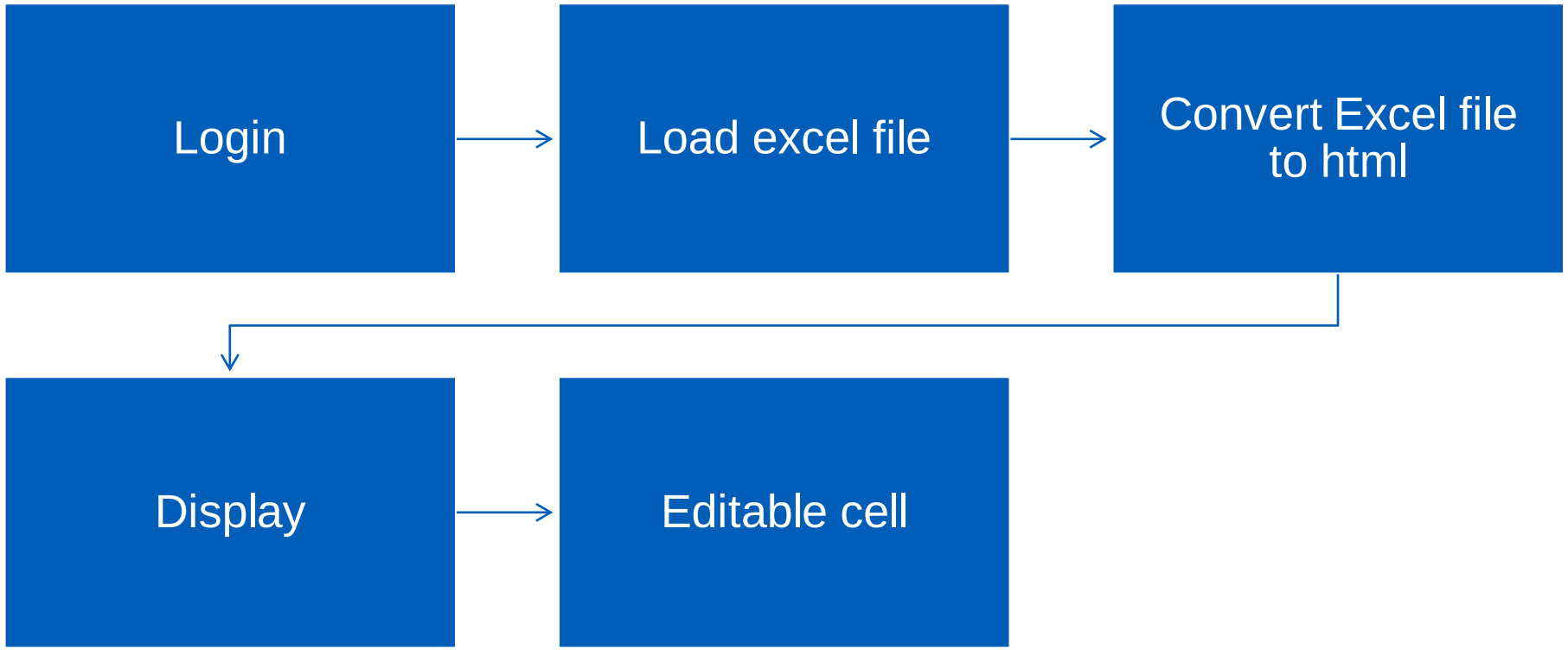
This training course took place during one month from May 31 to June 25. I made a program that has evolved with new features. It was made in the frame of my internship of the first year of my BTS SIO option SLAM.

The first program was an import of an Excel file on a HTML table with jQuery (version 1.1).

Then, I added a functionality of modification of cells on the cells of the HTML table (version 1.2).

Finally, I'm looking at a way to insert in a database the content of the table (version 1.3).

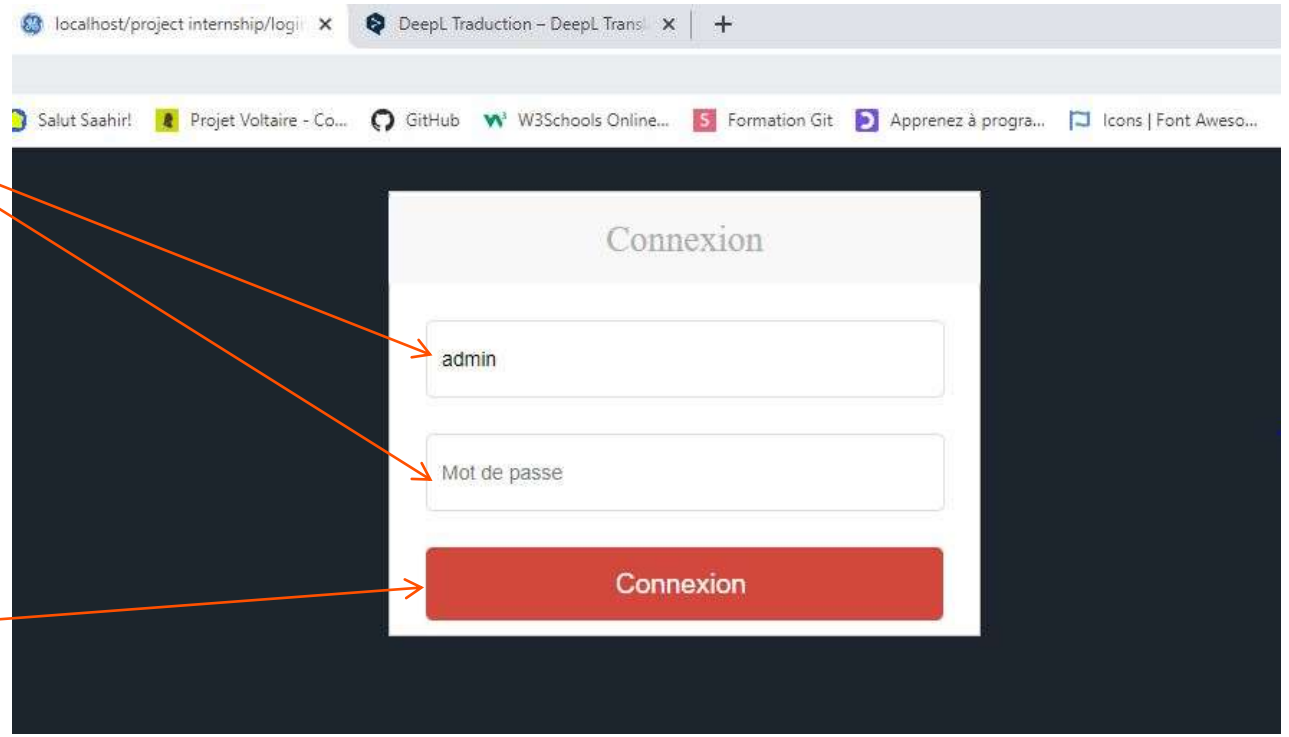
# Specifications : User actions on HTML5 page



# Specification – Page Design & Architecture

1. The two fields that will allow the user to connect

2. If the fields entered are the same as the one in the database then access is given otherwise denied.




HTML/CSS

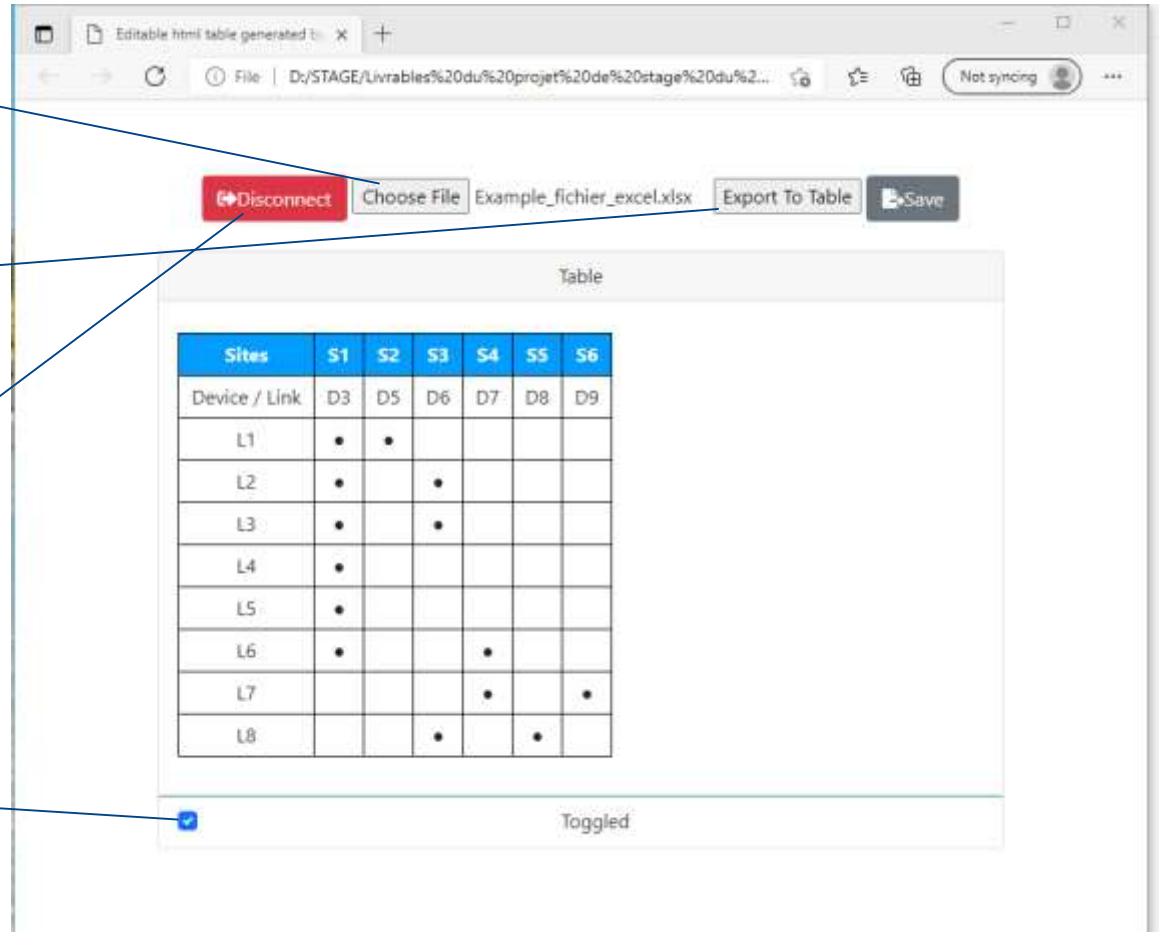
Bootstrap/jQuery /JavaScript

PHP-Server (UWAMP)

MySQL

# Specification – Page Design & Architecture

1. Choose Excel file from disk
2. Choose Excel file from disk
3. Button to disconnect from the page
4. Radio button used to authorize the modification of the cells in the table (only the white cells)




| Sites | S1 | S2 | S3 | S4 | S5 | S6 |
|---|---|---|---|---|---|---|
| Device / Link | D3 | D5 | D6 | D7 | D8 | D9 |
| L1 | • | • | | | | |
| L2 | • | | • | | | |
| L3 | • | | • | | | |
| L4 | • | | | | | |
| L5 | • | | | | | |
| L6 | • | | | • | | |
| L7 | | | | • | | • |
| L8 | | | • | | • | |

HTML/CSS

Bootstrap/jQuery /JavaScript

PHP-Server (UWAMP)

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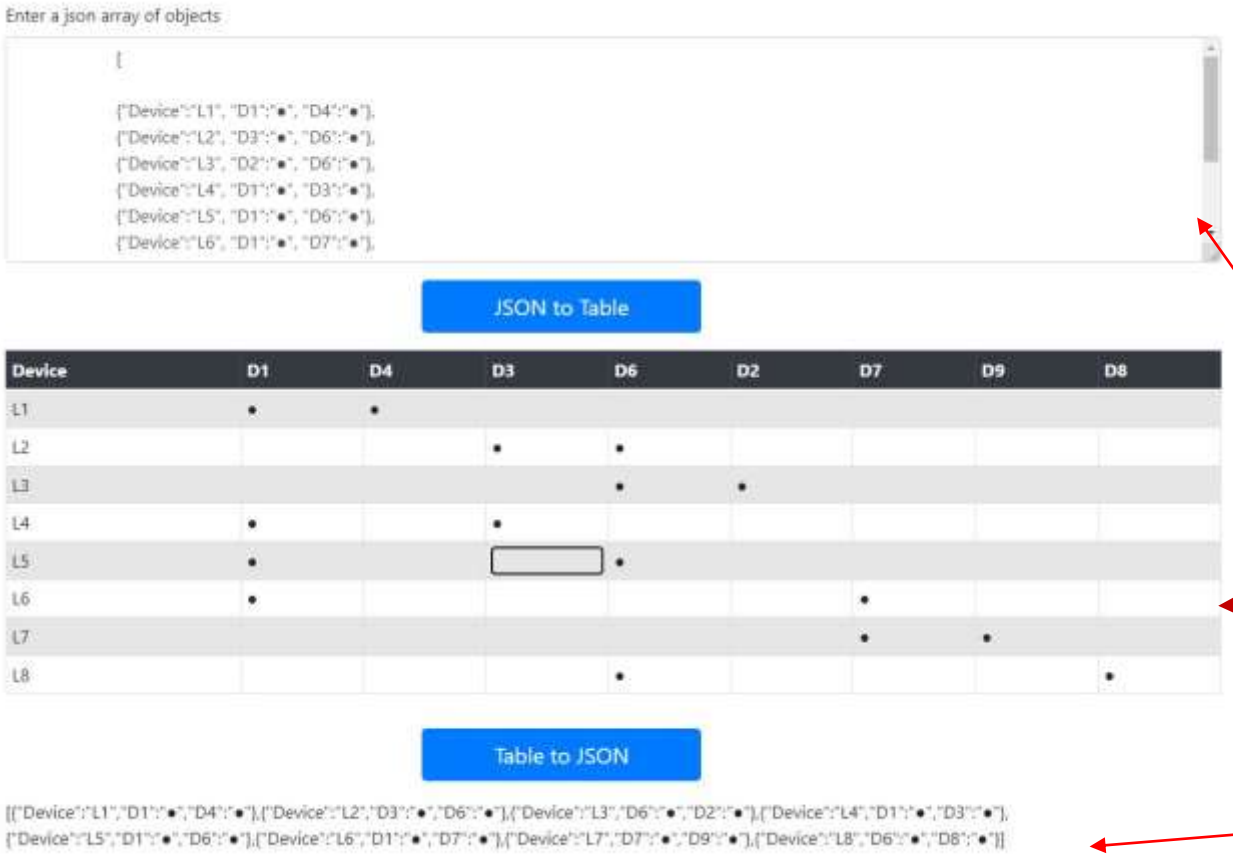
# Specification – Page Design & Architecture




Description: this program allows you to convert JSON data into an editable html when you right click table with insert, modify and delete functions.

HTML/CSS

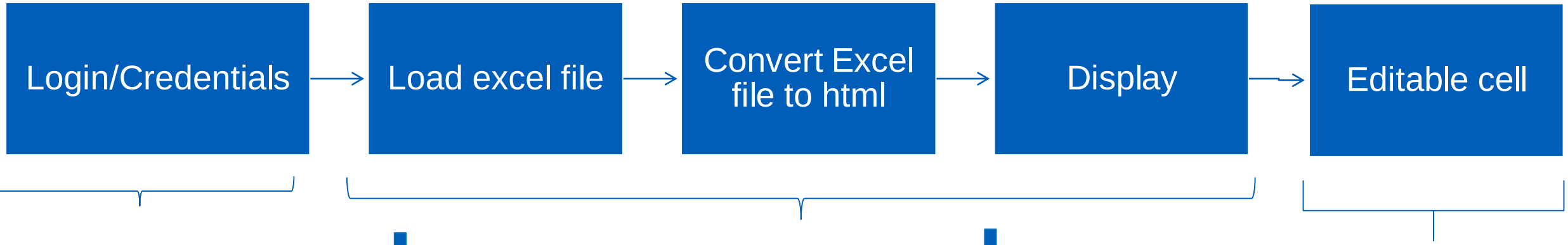
Bootstrap/jQuery /JavaScript

1 Area where json data is entered

2 Area where data is entered

3 Display the html table as json data

# Specifications : User actions on HTML5 page




## Program 1 : Php

*This function is used to connect to the one you want to access.*
*It works with a database and a form. Data will be entered by the user in the form if the data entered are the same as those in the database, we give access to the page.*

## Program 2 : Jquery/Javascript

*On this page there is a button that allows you to choose your file and import it to this page. This works by a jQuery program that will loop through the cells of the Excel table to convert it into json data and finally display the data in html table.*

## Program 3 : Jquery/Javascript

*On the previous program, I added a function of modifiable cells on the displayed html table. For that I had to add the function of modification to the cells to the previous table so I saw that it was done with the class editMe. So on the path of the basic loop I added the class which allowed to merge the 2 codes.*

# Prototype Design & Implementation

## Explain/Document the implementation :

https://www.jqueryscript.net/table/json-table-editor.html

This program is used to create an editable table from JSON on the page and in the code. These sites were used for the realization of the project.

Features:

- Supports nested tables.
- Right click to edit tabular data.
- Inline editing.
- Add/remove table columns and rows.
- Compatible with Bootstrap 4 framework.

# Section Title over light image