In the Wix editor, select the 'Swisslab' website and click 'Edit.' What we need: pages and databases. In the list of pages on the left, the pages relevant to my work are:

'Get PDF'

'Information'

'Data Privacy'

'Dynamic Pages (PDF)' – These pages are dynamic, meaning they provide different information for each participant.

A screenshot of a computer

Description automatically generated

The second symbol highlighted in red – is checking the databases.

The relevant databases are PDF, analytics and analyticsLogin. PDF contains the data about all the participants. When new participants arrive you can add new there. Analytics ( exoerimental) and AnalyticsLogin (actual) are for collecting statistics on visiting. This is how you can open a database:

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Description automatically generated

These are the relevant buttons for importing new data. Please note that there are 'Sandbox' and 'Live' environments. You can either import data directly into the 'Live' environment or use the 'Sandbox' for initial work and sync it later. Before making any changes to the data, it's advisable to export it as a CSV file. This way, if anything goes wrong, you'll have a backup of the old data. new and new2 columns which you see are flags which are used further in the code ( e.g. when some particular text needs to be shown to newly added samples, I normally create such a flag variable and adjust the code) everything related to statistics are visits related data – this is collected automatically. The excel with imported data is supposed to contain title and gewonnen and possible some another flag ( like new3). Vouchers can be uploaded later, once data is imported.

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Description automatically generated

In terms of statistics, I've experimented with various methods to gather data on user logins, which is why you might notice 'visited' data in multiple forms. The most reliable dataset is maintained in 'AnalyticsLogin,' which currently contains 85,000 rows. In this dataset, I record a timestamp each time a user logs in.

As for data storage capacity on Wix, it's essential to be mindful of limits. Therefore, I recommend periodically deleting older data, but only after exporting it as a backup. I've consistently exported this data over time to ensure we have a safeguard in case of any unexpected issues. But I have never deleted anything yet.

1. GET PDF When you open a page in the lower part you always see a javascript code like this:

A screenshot of a computer program

Description automatically generated

This code gets your input data (number), looks for it in the database and if that number is found it redirects to that page. If not, the error is shown.

Line by line Explanation of this code:

It sets up an event handler for when an element with the ID button25 is clicked.

It retrieves the value of an input element with the ID input1 and stores it in a variable called source.

It queries a Wix database collection named "PDF" to find records where the "title" field matches the value of source.

If matching records are found:

It logs "found" to the console.

It hides an element with the ID errorMessage.

It shows an element with the ID WaitMessage.

It redirects the page to a URL based on the source value.

If no matching records are found:

It logs the length of the result.items array to the console.

It hides an element with the ID WaitMessage.

It shows an element with the ID errorMessage.

If there is an error during the database query, it logs "222" to the console.

The last line, wixLocation.to("/pdf/" + source);, is currently commented out (disabled). It would have redirected the page to a different URL based on the source value.

TIP: Debugging in Wix can be simplified with console.log. Follow these steps to debug effectively:

Use console.log Sparingly: Insert console.log where you suspect issues, e.g., before and after functions, loops, or conditions.

Be Descriptive: Add clear messages to console.log to identify what's being printed, like "Entering loop. Current value of i:".

Experiment with Inputs: Test different inputs online and observe the console. Understand code behavior under various conditions.

1. INFORMATION AND DATA PRIVACY

These parts do not contain any code or logic. They only contain text which can be freely modified.

1. PDF – dynamic pages

These dynamic pages relate to the Title column in the database PDF (that’s why you see arrow symbol) A screenshot of a computer

Description automatically generated

Here the text shown can be different for winners and losers and maybe some other conditions. Therefore, you add all the possible texts, overlay those, and in the lower part there is JavaScript code with the logic when to show what based on the database values.

The second part of this code keeps track of how many times this page was visited by that participant. Especially relevant: wixData.insert("analyticsLogin", toInsertlogin);

It stores the timestamp in database.