

Functionality: Does the automation successfully complete all required tasks?

Yes, the automation successfully logs into Google Calendar using a Google credential.

It can navigate through all events in a month and extract them into an Excel file.

At the end, it generates a summary report with the total number of events, the busiest day, and the distribution of events.

Finally, if any error is encountered during the process, it is logged, and a screenshot is taken to assist with error identification.

Code Quality: Is the project well-structured, readable, and maintainable?

Yes, the sequences are well-organized, each responsible for its specific task, improving readability. Additionally, intuitively named variables were created to facilitate maintenance, and a well-defined directory structure was used.

Moreover, an individual workflow was created for logging, since the logging code was repeated multiple times in various parts of the RPA.

Error Handling: How well does the automation handle potential errors and edge cases?

By using try-catch blocks, any abnormal situations are captured, logged, and a screenshot of the error is taken to assist in future analysis.

Efficiency: Is the automation designed to run quickly and with minimal resource usage?

Yes, all variables have well-defined scopes to avoid unnecessary memory usage. Regular expressions were used because they are extremely efficient, and a generalized search for the month's events was performed before going day by day to save time.

Creativity: Are there any innovative approaches or additional features that enhance the solution?

Using an Excel template in the RPA input provides a more user-friendly display, which can be considered a creative solution.

Additionally, the use of regular expressions can also be considered an innovative feature, as they offer a fast and reliable way to extract event data from HTML.

This avoids dependency on specific UI selectors, which are more prone to changes and errors, making the automation more robust and efficient in handling variations in the Google Calendar's structure.