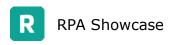
Process Definition Document: Invoicing Process



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1 Introduction

1.1 DOCUMENT PURPOSE

The Process Definition Document is used for summarizing the invoicing process. It describes the sequence of executed actions, conditions, and process rules before automation. It aims to clarify how it is performed manually by the user on a click-by-click level, as well as how to handle the possible business exceptions that may occur.

1.2 OBJECTIVE

Automate the invoices creation process with an amount less than \$30,000, which represents around 80% of the total number of invoices issued monthly.

The above aims to:

- Increase the availability of the resources assigned in the billing area.
- Mitigate the number of invoices issued erroneously.

1.3 AUTOMATION PRE-REQUISITES

To automate the invoice-creation process, the digital worker must have:

- A created account in the RPA Showcase web application.
- Credentials to access the email inbox account where the billing information is received.

2 Process description (As Is)

The invoice-creation process is manually performed by the billing team every Monday or the next closest business day. The team inputs the billing information from the previous week, downloads the PDF invoices, and sends an email to the finance team for a final review before issuing them to the clients.

The billing team is open to suggestions to **enhance and optimize** the process before its automation.

2.1 PROCESS SUMMARY

Element	Description	
Department	Billing	
Description	An invoice-creation process on the RPA Showcase platform	
Execution schedule	Every Monday or the next closest business day	
Input data	List of purchase's information received by email	
Output data	PDF invoices created and ready to be reviewed before sending them to the client	



2.2 APPLICATIONS USED

The following table includes a complete list of all the applications used during the execution of the automated process.

Application name	Version	Access methods	Comments
RPA Showcase	N/A	User and password provided by the billing team.	Obtain it by creating an account on the RPA Showcase page
Email	N/A	User and password provided by the billing team.	Use any email for development purposes
Excel	N/A	N/A	

2.3 PROCESS MAP

To improve the understanding of the process prior to its automation, this section includes a set of diagrams to provide a high-level and detailed explanation of the steps the billing team follows to perform it.

2.3.1 High-level process map

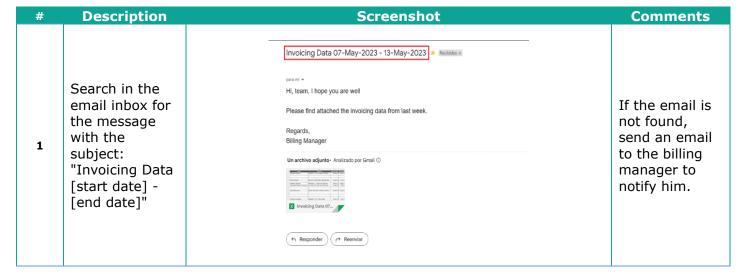
You can find the diagram containing an overview of the process attached in the folder downloaded from the RPA Showcase page or <u>here</u>.

2.3.2 Detailed level process map

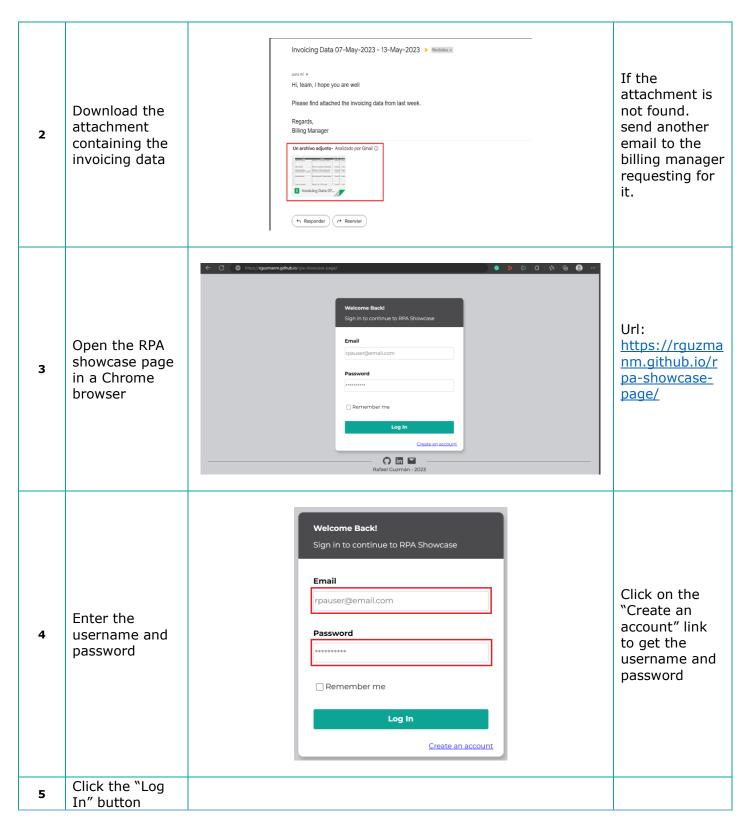
You con find the diagram containing the detailed steps to perform the process in the folder downloaded from the RPA Showcase page or <u>here</u>.

2.4 DETAILED PROCESS ACTIONS

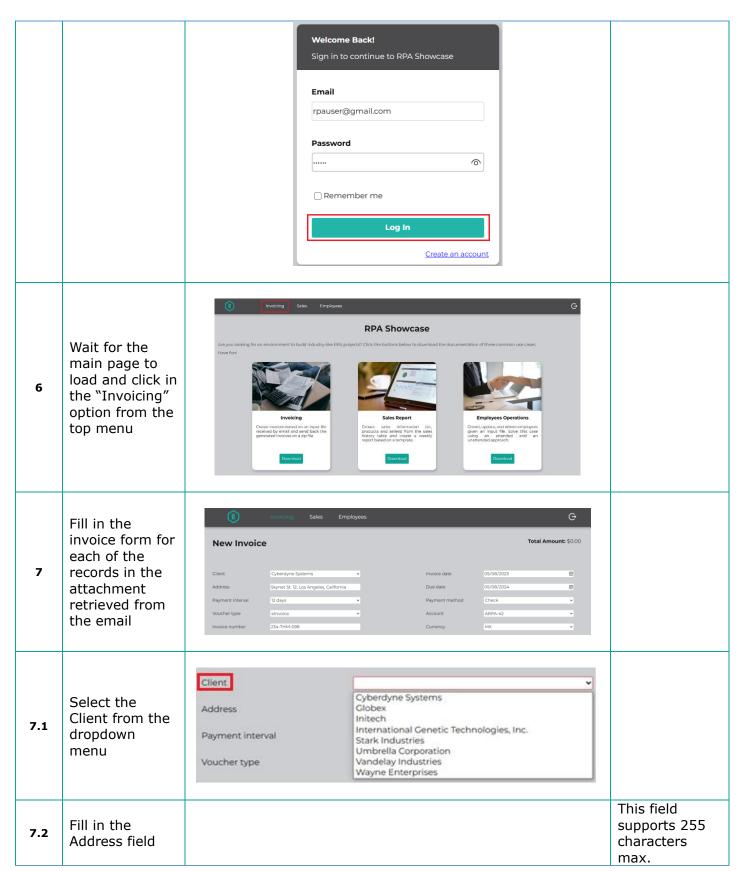
The following table contains the click-by-click process documentation.



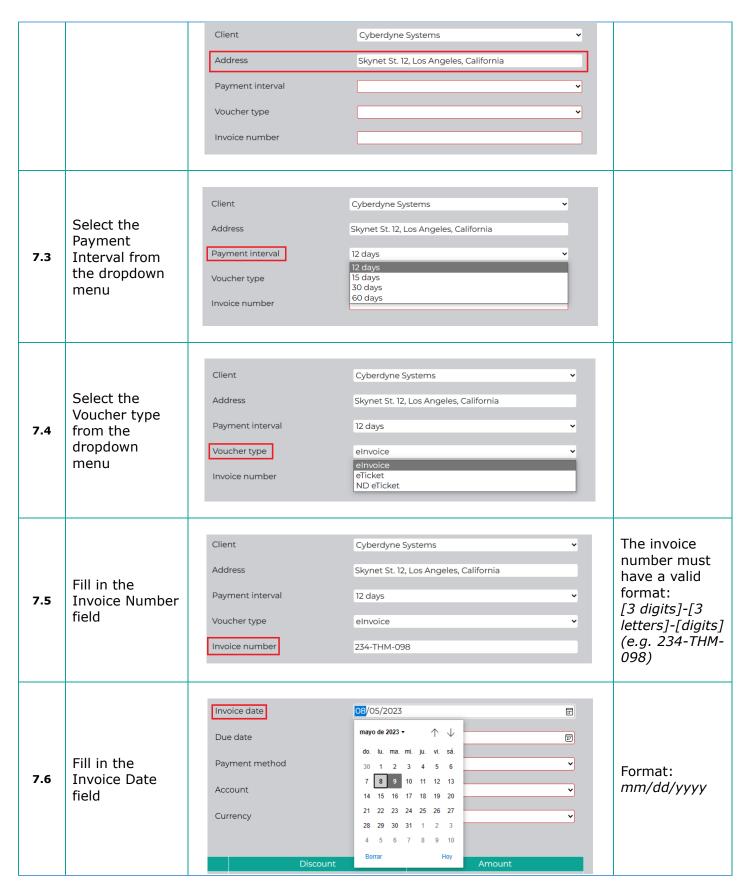


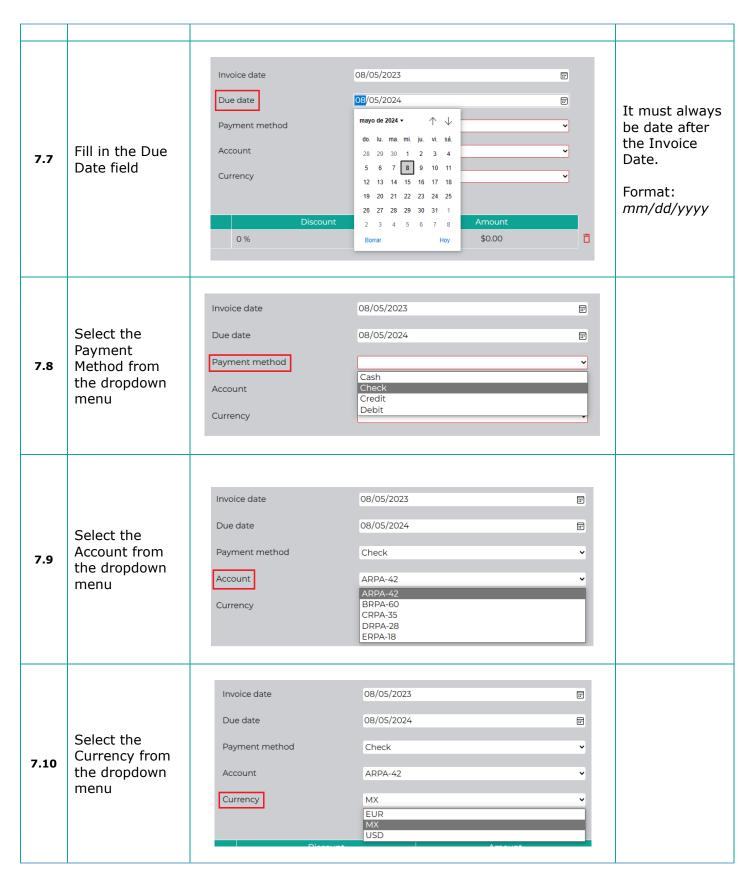


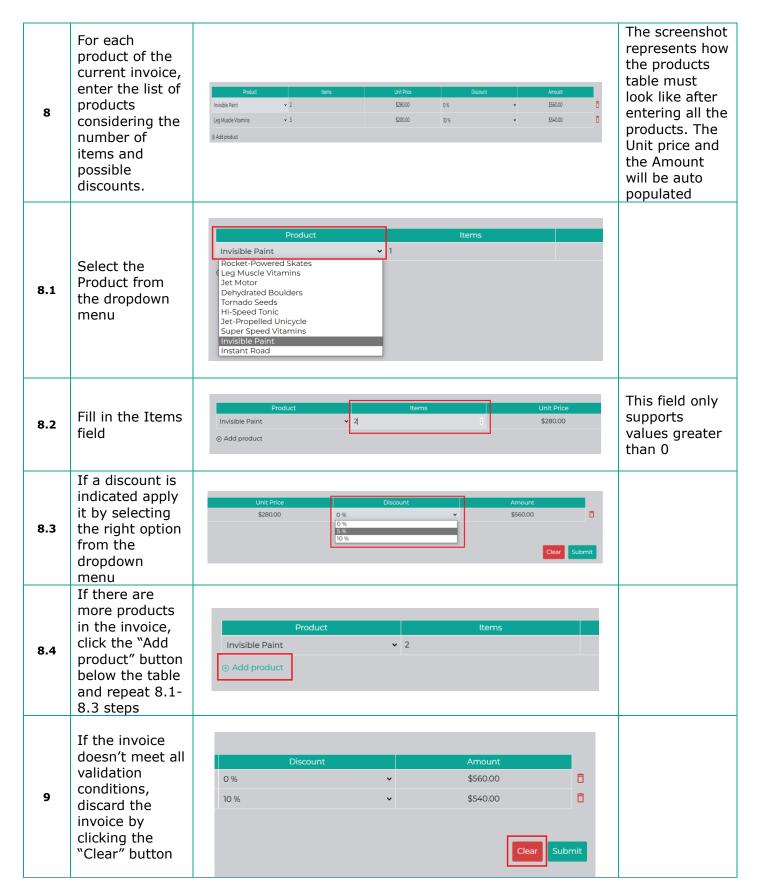


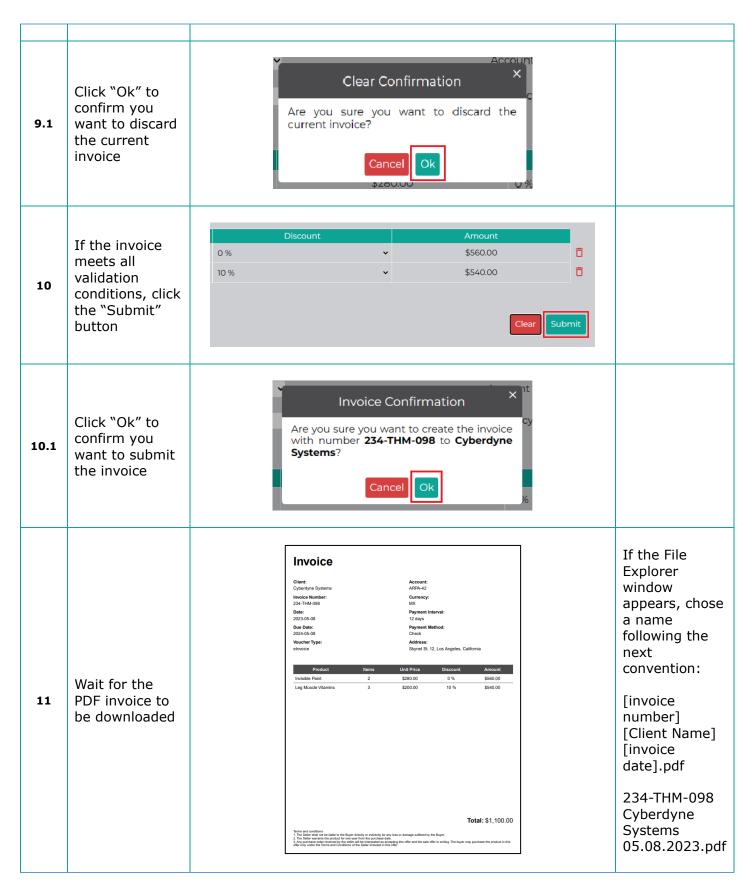




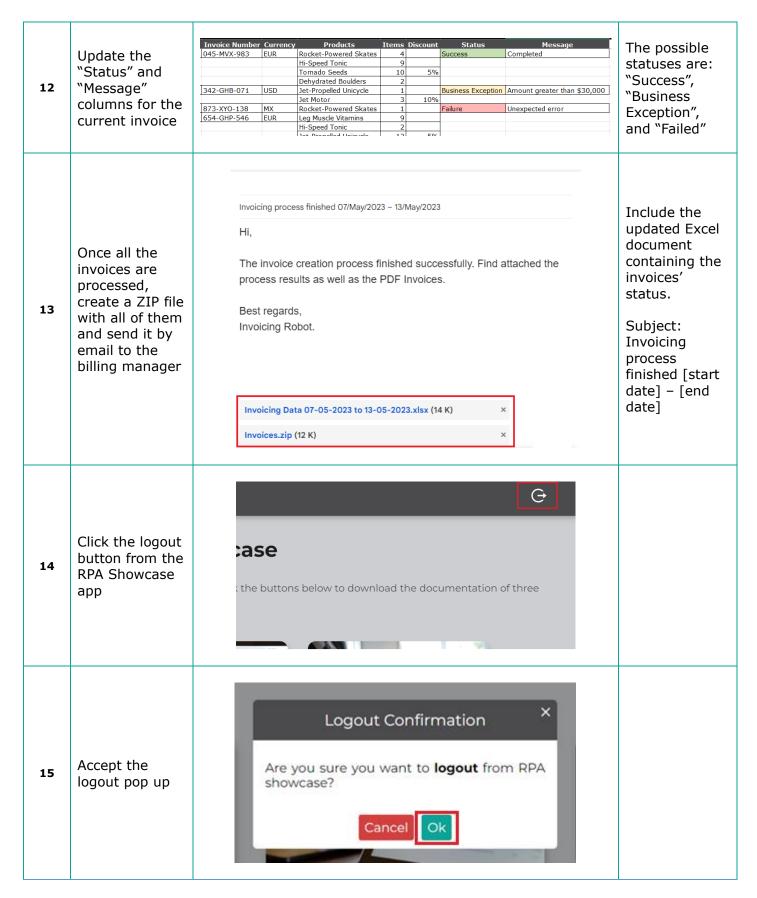














2.5 BUSINESS EXCEPTIONS

Before submitting any invoice, make sure it does not fall in the following cases. Otherwise, take the actions described below.

Exception name	Description	Action to be taken
Max. number of products	Due to company policies, all invoices should contain 14 products maximum. The RPA Showcase app prevents adding more products once the limit is reached.	Discard the invoice, as described in step 9, set the status as "Business Exception," and add the message: "Invoice is not compliant with the max. number of products policy."
Invoice max amount	Total invoice amount exceeds \$30,000 regardless of currency	Discard the invoice, as described in step 9, set the status as "Business Exception," and add the message: "Invoice amount greater than \$30,000."
Due date	The due date is before the invoice date. The due date must be after invoice date Rafael Guzmán - 2023	Discard the invoice, as described in step 9, set the status as "Business Exception," and add the message: "Invalid due date."
Invoice number pattern	The invoice number doesn't follow the convention described in step 7.5. Invalid invoice number format Rafael Guzmán - 2023	Discard the invoice, as described in step 9, set the status as "Business Exception," and add the message: "Invalid invoice number."
Missing information	Any of the invoice fields is missing	Discard the invoice, as described in step 9, set the status as "Business Exception," and add the message: "Missing information."

3 Additional comments

- For demonstration purposes you can use **any email** as the billing manager contact.
- Use your imagination: Feel free to play with the input file to create new automation scenarios.



4 ADDITIONAL SOURCES OF DOCUMENTATION

Additional sources of documentation				
Process recordings	N/A			
High-level process map	High-level diagram			
Detailed level process map	<u>Detailed diagram</u>			
Input files	<u>Input file</u>	Example input file		
Output files	Output file	Expected result's file		