Quickbooks Invoice - ReadMe

Bot Overview

This bot performs the following:

- The bot logs in to a given Quickbooks account.
- It reads from the Excel Input file called **Create_Quickbooks_Invoice_Input.xlsx** and creates a new Invoice in Quickbooks, for every row in the excel file, and will populate the fields.
- This bot also creates an "Error Folder" with "Logs" and "Snapshots" Subfolders for if there are errors.

Pre-Requisites

- Automation Anywhere Enterprise v10.7
- Microsoft Excel
- Quickbooks Account

Installation

- Download the bot from Bot Store.
- Unzip the zip archive.
- For first time users, create "Bot Store" folder under <AA Directory>/My Tasks (on your local disk).
- Copy folder "Quickbooks Invoice" to above created Bot Store folder inside <AA Directory>/My Tasks in Automation Anywhere folder on your local disk.

Create the following folder structure for the content in the AA Dir:
<AA Directory>
- My Tasks
    - o Bot Store
        - ▪ Quickbooks Invoice (Folder)
            - • Error Folder
                - o Logs (Folder)
                - o Snapshots (Folder)
            - • Input Folder
                - o Create_Quickbooks_Invoice_Input.xlsx
            - • My Tasks
                - o Quickbooks Invoice.atmx
            - • My Metabots
                - o Exist.txt

- QuickbooksInvoice-PeopleShores-ReadMe

How to use the bot:

Use the following information to configure your bot:

Parameter Name	Type	Direction	Additional Info
Customer_Name	String	Input	The Customer Name of the invoice. The input must be exact, and it must exist in the Quickbooks database. The email MUST exist in the database, or the bot will skip over this. This is a Mandatory Field. This is Excel Column (1).
Session_Customer	String	Input	The Session of the customer. Each session is a label of the excel sheet, where it has the format. The name in the cell must match the name of the sheet. This will be used as part of another loop for an excel dataset of the session customer. This is a **Mandatory Field**. This is Excel Column (2).
Invoice_Message	String	Input	The message that is used for the field in the invoice message. This is Excel Column (3).
Statement_Message	String	Input	The message used for the statement field. This is Excel Column (4).
Product	String	Input	This is the name of the product added to each line. This must exist inside the database. The bot will NOT create a new one, but will delete it instead, and skip to the next row. There must be AT LEAST one existing product. Otherwise, invoice is skipped. This is Session_Customer Excel Column (1).
Description	String	Input	This is the description of the product. This is Session_Customer Excel Column (2).
Qty	String	Input	This is the quantity of the invoice. This is Session_Customer Excel Column (3).
Rate	String	Input	This is the rate of the invoice. This is the Session_Customer Excel Column (4)
Tax	String	Input	This is the taxes checklist. If yes, check the box. If no, uncheck it. If blank, take no action. This is Session_Customer Excel Column (5)
Class	String	Input	This is the name of the class on the list of invoices. The class typed in must exist in the database. However, it can be left blank. Ensure the next variable, Class_Exists, matches. If the class exist in the database, make sure it is spelled exactly. Class_Exists must then EQUAL YES. This is the Session_Customer Excel Column (6)

Class_Exists	String	Input	This is a safety check for a class existing in the database. ENSURE that the class exists or does not exist in the database, because this is the ONLY check possible. Otherwise the bot will have problems. This is a **mandatory field**. This is Session_Customer Excel Column (7)
Amount	String	Input	Amount is the safety check against an exceeding value. It will quit the bot if the total amount exceeds 100000000. Amount is equal to Rate times Qty.
Tax_Counter	String	Input	Tax Counter is a safety counter, for error cases.
Path Parameter	**Type**	**Direction**	**Additional Info**
vBotfile	String	Input	Botfile is the easy path of the bot. (QuickbooksInvoice-PeopleShores\InputFolder\Create_Quickbooks_Invoice_Input.xlsx)
vChromePath	String	Input	This is a necessary code used to open the google chrome browser. This is required in order to run the bot.
vErrorFolder	String	Input	This is the error folder inside the bot folder, which contains the Error Log folder and the Snapshot folder. (already defined, no need to change unless you wish to change location of the file).
vLogFolder	String	Input	This folder contains the error log file in case of an error. (Already defined, no need to change unless you wish to change location).
vSnapshotFolder	String	Input	This folder contains Screenshot of the error in case of an error (Already defined, no need to add value unless want to change location of file).
vFake_Counter	String	Input	This is a test counter used for object cloning. Unfortunately it failed.
vPath	String	Input	A variable used for a variable operation to store the AAAplication path, and combine it to the directory of the bot store, which is used to open the Excel sheet. ($AAApplicationPath$\Automation Anywhere\My Tasks\Bot Store\) is set as a variable operation to vPath.
vURL	String	Input	Here is the URL of the Intacct website for the bot to login. (https://quickbooks.intuit.com/sign-in-offer/)
vUsername	String	Input	This is the Username of the website. The username must be exact and accurate. This is a required field.
vPassword	String	Input	This is the Password of the Quickbooks site. Minimum 1 Capital, 1 Lower, 1 Symbol, and 1

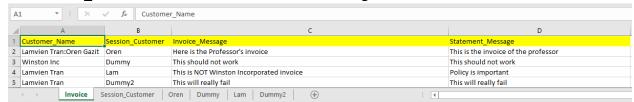|			Number. DO NOT PUT $ symbols inside the password. Otherwise it will not store that as a value. The workaround is present because that logic error was discovered.

Error Handling

- Each Bot folder contains the below hierarchy
    - Error Folder
        - Logs
            - Error Logs Month-Day-Year.txt: In case of any error, this file logs the error message along with time stamp
        - Snapshots
            - Error Snap Month-Day-Year.txt: In case of any error, this file captures the screenshot of the error.
- Status of Bot is sent to failed.

More Information

- Should the bot fail to load, re-run the bot once more. The bot may need time to adjust to the CPU, and will run the second time.
- The password cannot have a $ symbol, for the Taskbot input will not accept that character value. Don't forget to have a minimum of 8 characters, and a minimum of 1 Upper Case, 1 Lower Case, and 1 Symbol.
- For the Input File, there must **be existing entries** in the Quickbooks directory, specifically for Customer_Name, Product, Class, and by extension, Customer_Session and Class_Exists. There are error checks for incorrect values, either continuing the task, or restarting a brand new invoice.
- There must ALSO be an existing email in the Customer_Name, otherwise the bot cannot save or send the email. There is an error check that will check for the auto-populated email. If it does not exist, the invoice will be closed, and the loop will move on to the next invoice.

- The URL link leads to the Sign in page with the Company ID and Username set by default.
- The Session_Customer must be filled in with an existing Excel Sheet.

	A	B	C	D
1	Customer_Name	Session_Customer	Invoice_Message	Statement_Message
2	Lamvien Tran:Oren Gazit	Oren	Here is the Professor's invoice	This is the invoice of the professor
3	Winston Inc	Dummy	This should not work	This should not work
4	Lamvien Tran	Lam	This is NOT Winston Incorporated invoice	Policy is important
5	Lamvien Tran	Dummy2	This will really fail	This will really fail

Invoice | Session_Customer | Oren | Dummy | Lam | Dummy2 | ⊕

- The sheet itself MUST have the correct format.

	A	B	C	D	E	F	G
1	Product	Description	Qty	Rate	Tax	Class	Class_Exists
2							
3							
4							
5							

Invoice | **Session_Customer** | Oren | Dummy | Lam | Dummy2 | ⊕

	A	B	C	D	E	F	G
1	Product	Description	Qty	Rate	Tax	Class	Class_Exists
2	Customer Bot	A bot that creates customers	3	2	No	Dummy	No
3	Expense Reimbursement	Tutoring and coaching from Professor Oren	1	300	Yes	Events	Yes
4	RPA - Bot Development	Tutoring and coaching from Professor Oren	1	3	No	Fail	NO
5	Customer Bot	A bot that creates customers	3	2	No	Dummy	no

Invoice | Session_Customer | **Oren** | Dummy | Lam | Dummy2 | ⊕

Bot Deployment

BOTNAME.zip

File

Folder

My Tasks
.atmx (s)

Error Folder
Logs
Error Logs mm-dd-yyyy.txt

Snapshots
Error Snap mm-dd-yyyy.png

InputFiles
.docx, .xlsx, .txt, .csv etc.

My Metabots
.mbot (s)

My Docs
.docx etc.

Copy

Copy

Copy

Copy (If Applicable)

Copy (If Applicable)

AA Directory

My Tasks

Bot Store

Bot Name

My Tasks
.atmx (s)

Error Folder
Logs
Error Logs mm-dd-yyyy.txt

Snapshots
Error Snap mm-dd-yyyy.png

InputFiles
.docx, .xlsx, .txt, .csv etc.

My Metabots
.mbot (s)

My Docs
.docx etc.

<AA Directory> view at your local machine