CreateBillsQuickbooks-PeopleShores-Readme

Bot Scope

The bot takes data from Excel files and creates bills in Quickbooks. It then takes a photo of the bill.

Bot Overview

This bot performs the following:

- The bot gives the user the option of using MetaBots while running the code.
- The bot logs in to a given Quickbooks account
- The bot reads from a text file, Months.txt, and picks up the Excel file of the desired month.
- The bot then loops through the Excel file of the desired month and puts the data into Quickbooks.
- The bot also adds attachments from the User
- This bot also takes a snapshot of the bill and stores the image in the Output Files folder.
- The bot also creates an "Error Folder" with "Logs" and "Snapshots" Subfolders as shown below in the AA Directory hierarchy if there are errors.
- The path for Bot Store:
  $AAApplicationPath$\Automation Anywhere\My Tasks\Bot Store\CreateBillsQuickbooks-PeopleShores

Pre-Requisites

- Automation Anywhere Enterprise 11.3.3.1
- Microsoft Excel
- Quickbooks Account
- Google Chrome
- MetaBot Designer (if the user chooses to use MetaBots)

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 "CREATE BILLS QUICKBOOKS" 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
    - Bot Store
      - CreateBillsQuickbooks-PeopleShores (folder)
        - Error Folder
          - Logs
          - Snapshots
        - Input Folder
          - Months.txt
          - October.xlsx
          - November.xlsx
          - December.xlsx
          - Photos
            - Apollo 11.jpg
            - Capture.PNG
            - Capture2.PNG
            - David Moxam.jpg
            - golden gate bridge.jpg
            - moon.jpg
            - pikachu.png
            - Raju Reddy.png
            - roadrunner.jpg
            - san francisco.jpg
            - Sushant Patnaik.png
            - Vic Mahadevan.png
        - My Tasks
          - CreateBillsQuickbooks-PeopleShores.atmx
        - My MetaBots
          - Bills.mbot
        - Output Folder
          - Bills$vNumberofAttachments$.jpg(output file)
        - CreateBillsQuickbooks-PeopleShores-ReadMe

Using the Bot

Use the following information to configure your bot:

Parameter Name	Type	Direction	Additional Info
vVendor	String	Input	**Required Field.**This is Excel Column 1. This is the subject of the bill and is required.
vBillDate	String	Input	**Required Field.**This is Excel Column 2. This provides the day that the bill is made.
vTerms	String	Input	**Required Field.**This is Excel Column 3. This provides information on the due date.
vBillNo	Integer	Input	This is Excel Column 4. This provides the bill number.
vLocation	String	Input	This is Excel Column 5. This provides the location for the bill.
vPermit	Integer	Input	This is Excel Column 6. This provides the permit number for the bill.
vCategory	String	Input	This is Excel Column 7. This lists the categories for the bill.
lCategory	String	Input	This is a list variable for the variable vCategory. Each category, separated by a semicolon, will be placed inside this variable.
vCategoryDescription	String	Input	This is Excel Column 8. This lists the descriptions of each category for the bill.
lCategoryDescription	String	Input	This is a list variable for the variable vCategoryDescription. Each category description, separated by a semicolon, will be placed inside this variable.
vCategoryAmount	Integer	Input	This is Excel Column 9. This lists the amounts of each category for the bill.
lCategoryAmount	Integer	Input	This is a list variable for the variable vCategoryAmount. Each category amount, separated by a semicolon, will be placed inside this variable.
vCategoryCustomer	String	Input	This is Excel Column 10. This lists the category customers for the bill.

lCategoryCustomer	String	Input	This is a list variable for the variable vCategoryCustomer. Each category customer, separated by a semicolon, will be placed inside this variable.
vCategoryClass	String	Input	This is Excel Column 11. This lists the category classes for the bill.
lCategoryClass	String	Input	This is a list variable for the variable vCategoryClass. Each category class, separated by a semicolon, will be placed inside this variable.
vProduct	String	Input	This is Excel Column 12. This lists the products for the bill.
lProduct	String	Input	This is a list variable for the variable vProduct. Each product, separated by a semicolon, will be placed inside this variable.
vItemCustomer	String	Input	This is Excel Column 13. This lists the item customers for the bill.
lItemCustomer	String	Input	This is a list variable for the variable vItemDescription. Each item customer, separated by a semicolon, will be placed inside this variable.
vMemo	String	Input	This is Excel Column 14. This provides the memo for the bill.
vAttachments	String	Input	This is Excel Column 15. This provides the attachments for the bill.
lAttachments	String	Input	This is a list variable for the variable vAttachments. Each attachment, separated by a semicolon, will be placed inside this variable.
vMetaBots	String	Input	This provides the option to run the code using MetaBots.
mVendor	String	Input	This is an input variable inside the logic Vendor from MetaBot Bills.
mTerms	String	Input	This is an input variable inside the logic Terms from MetaBot Bills.
vUserID	String	Input	This holds the username to login to Quickbooks.
vPassword	String	Input	This holds the password to login to Quickbooks.

vInputFile	String	Input	This is the file path for the Excel file used for the bot
vURL	String	Input	This is the URL.
vMonth	String	Input	This is Filedata Column 1 inside the Configuration file for the bot.
vConfigFile	String	Input	This is the configuration file for the bot. This tells the bot to open a certain Excel sheet.
vErrorFolder	String	Input	This is the error folder for the bot
vLogs	String	Output	This is the logs folder for the bot.
vSnapshots	String	Output	This is the snapshots folder for the bot.
my-list-variable	String	Input	This is the default list variable for AA.
Prompt-Assignment	String	Input	This is the default value variable for AA.

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 set to Failed.

More Information

- All Excel Fields need to be set to Text format.
- To create a bill in Quickbooks, the Vendor, Bill Date, and Terms are the required parameters.
- The user needs to edit the variable called vConfigFile to reflect which Excel Sheet to open up.

- The user needs to edit the variable called vURL to reflect the user's Quickbooks Account URL.
- All MetaBot files must be stored under $AAApplicationPath/Automation Anywhere/My MetaBots.
- All jpg and png files must be placed in the Downloads folder.
- If you have any questions or feedback, please reach out to us at support@peopleshores.net.

Input Excel Column Files

Vendor	Bill Date	Payment T	Bill no.	Location	Permit I	Category	Category Description
Stevens H	9/29/2018	Net 30	8	02-Clarksdal	136	Utilities;T	stove, shower, electricity, etc…;free trip to Disneyland!!!; Red ferrari

Bot Deployment:

<AA Directory> view at your local machine