

# UIPATH RPA DEVELOPER ASSIGNMENT



Office  
Samurai

# YOUR ASSIGNMENT

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This is a simulation of a Vendor Master Data process. Vendor data is entered via a web form by the P2P team and gets recorder in an Excel file. The bot needs to check whether the vendor's VAT number is OK for transactions within EU and if it is, make necessary calculations and create it in the ERP system.

Your job is to automate the process using UiPath. Use the knowledge that you have, to create a bot that performs process steps described below for each vendor in the "Office Samurai VMD process - vendors input file.xlsx" file.

## PROCESS STEPS

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Bot is processing all vendors from file data\Office Samurai VMD process - vendors input file.xlsx. For every vendor:

1. On page [https://ec.europa.eu/taxation\\_customs/vies/](https://ec.europa.eu/taxation_customs/vies/) bot checks whether vendor's VAT number is OK for transactions within EU
2. If VAT is not OK, input into "VAT OK?" column an error text from the webpage and finish processing of this vendor
3. If VAT is OK, input into "VAT OK?" column text "OK", and continue processing
4. Based on data from "country codes.xlsx" find vendor's "Approval group"
5. Based on information from "approval rules.xlsx" assign vendor's approval limits (lvl 1-3)
6. Open "Office Samurai ERP.exe". Log in with login "training", password "training".
7. Open "VMD create" transaction
8. Fill in all the data including approval levels, create vendor
9. Copy newly created vendor number and put in your vendors table.
10. If at any point the ERP throws an error please close it, log in again, and try creating the vendor again.

# THINGS TO REMEMBER

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We would like you to know what we expect and how your work will be judged, so here you go:

1. **Keep it clean.** Please design the bot in a way that is easy to read. Split your code into components, use comments or annotations in places which may be hard to understand. We will need to be able to understand what you have created in order to judge the quality of your work.
2. **Keep it real.** Work at the level you are currently at, do not use other people's help. If you join the team, you will be expected to deliver work at the level of your assignment from your first day in. Cheating will result in termination of our cooperation.
3. **Done is better than perfect.** Focus on the happy path and make sure it works before you get into handling of errors or special cases.
4. **Half of the task is better than none.** If you are unable to finish the task or some parts of it, do send us whatever you were able to produce - it may be enough.
5. **If you know ReFramework** and feel confident using it, feel free to use it. If not, design the bot your way.
6. **Develop the solution based on what you have been taught.** If you join us, we will teach you our ways. And we will be happy for you to teach us yours.
7. **We will not be running the bot** to assess it, we will be reviewing the code itself - so feel free to use assets, queues, and any other Orchestrator features - don't worry about code portability.
8. **Better to ask the way than to go astray.** If you do not understand some part of the assignment, do drop me an email at [andrzej@office-samurai.com](mailto:andrzej@office-samurai.com) and I will do my best to explain.

## ONCE YOU'RE DONE

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After you are done with the assignment, please zip the whole project folder and send it as attachment or a download link to [andrzej@office-samurai.com](mailto:andrzej@office-samurai.com). We will confirm the receipt of your email within 1 working day. If you do not receive it, please reach out to us - maybe your email got stuck on the way.

We will look through the answers and will invite some of you for recruitment meetings (on- or off-line) that will take place between the 22<sup>nd</sup> and 26<sup>th</sup> of Feb.

Good luck, looking forward to seeing your work

Andrzej Kinastowski  
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