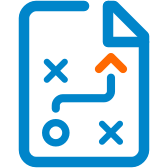
­­­­­

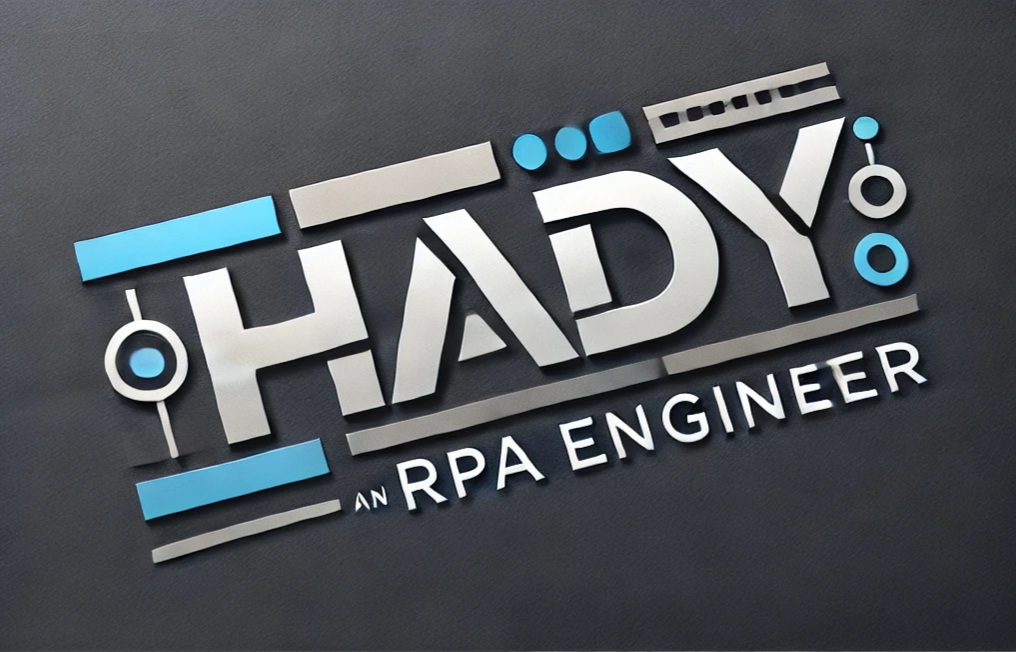


|  |  |
| --- | --- |
|  |  |



Process Definition

Document



PDD V1.1

Udemy Search Project 

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# INTRODUCTION



## Purpose

This Document to explain the road map of process for Searching on Udemy By course Name

## Objectives

* Better Monitoring of the overall activity by using the logs provided by the robots.
* Get the Best Courses and Present it to User in order to lowest Price With Highest Rate

## Key Contacts

Add here any stakeholders that need to be informed or to approve changes to the process:

|  |  |  |  |
| --- | --- | --- | --- |
| Role | Name | Contact Details (email, phone number) | Notes |
| RPA Business Analyst | Hady Abdelaleem | [hady Abd-ElAlime | LinkedIn](https://www.linkedin.com/in/hady12345/) | Non |
| RPA Dev | Hady Abdelaleem | [hady Abd-ElAlime | LinkedIn](https://www.linkedin.com/in/hady12345/) | Non |

# 

# AS IS Process description

## Process Overview

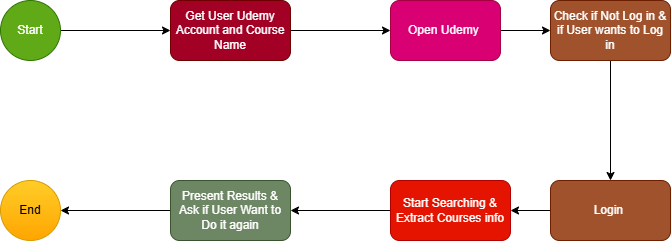
|  |  |
| --- | --- |
| Item | Description/Answer |
| Process Full Name | Udemy Search Project |
| Department | Search |
| Short Description (operation, activity, outcome) | Udemy Search Project for helping Users in getting lower Prices with Higher Rate Courses |
| Role(s) required in applications to perform the process | RPA Developer |
| Process schedule and frequency | Daily |
| Number of times the process is ran by selected frequency | 10 |
| Process execution time | 3 min. 8 sec. |
| Process Restrictions | This Process is Necessary for Students Or any one wants to improve his self By searching, Extracting and Presenting Top and Cheaper tow Courses |
| Peak Period (s) | **Weekend** |
| Peak Volume Approximate increase | 15 |
| Number of persons performing the process | 1 |
| Expected Volume increase during next periods | ***30-50%*** |
| Percentage Un-handled exceptions | 0% |
| Input data description | **User Udemy Email and Course Name** |
| Output Data description | **Present Top tow and cheaper Courses** |

## Applications Used

The table includes a comprehensive list of all the applications that are used as part of the process to be automated to perform the given actions in the flow.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Application Name | Version | Application Language | Thin/Thick Client | Environment/ Access method | Comments |
| Browser | Latest | EN | \_\_ | \_\_ | \_\_ |

## AS IS Process Map



## Process Statistics

**High Level statistics**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Processes | Windows | Actions | Mouse clicks | Keys pressed | Text entries | Hotkeys used | Time |
| 2 | 14 | 21 | 20 | 1 | 1 | 0 | 1 min. 8 sec. |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Detailed statistics**

|  |  |  |  |
| --- | --- | --- | --- |
| Window name | Mouse clicks | Text entries | Key pressed |
| New tab - School - Microsoft​ Edge | 1 | 0 | 0 |
| Google - School - Microsoft​ Edge | 1 | 0 | 0 |
| Udemy - Google Search - School - Microsoft​ Edge | 1 | 0 | 0 |
| udemy.com/logout/ - School - Microsoft​ Edge | 1 | 0 | 0 |
| Log in to continue your learning journey | Udemy - School - Microsoft​ Edge | 1 | 0 | 0 |
| Sign in - Google Accounts - School - Microsoft​ Edge | 2 | 0 | 0 |
| Online Courses - Learn Anything, On Your Schedule | Udemy - School - Microsoft​ Edge | 1 | 1 | 1 |
| Search results | Udemy - School - Microsoft​ Edge | 3 | 0 | 0 |
| Complete UiPath RPA Developer Course: Build 7 Robots | Udemy and 1 more page - School - Microsoft​ Edge | 1 | 0 | 0 |
| RPA - Process Automation using UIPATH - Beginner to Expert | Udemy and 1 more page - School - Microsoft​ Edge | 4 | 0 | 0 |
| Login | 1 | 0 | 0 |
| Please Enter your Acount | 1 | 0 | 0 |
| Please Enter your Course Name | 1 | 0 | 0 |
| Message Box | 1 | 0 | 0 |
|  |  |  |  |
|  |  |  |  |

## Detailed As Is Process Actions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| #Action | Input | Description | Details (Screen/Video Recording Index) | Exceptions Handling | Possible Actions |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |
| --- | --- |
| 1. Open Udemy Web Site | |
|  | **Est. time: 1 min. 8 sec.** |

|  |  |
| --- | --- |
| * 1. User input |  |
|  | Est. time: 1.3 sec. |
| image | Generate Input Dialog to ask User if he wants to Login or not |
| If Anser is No go to “1.3” |  |

|  |  |
| --- | --- |
| * 1. User input |  |
|  | Est. time: 1.5 sec. |
| image | Tell User that his Account must be Exist in his Browser |

|  |  |
| --- | --- |
| * 1. User input |  |
|  | Est. time: 2.1 sec. |
| image | Get the targeted Course Name |

|  |  |
| --- | --- |
| * 1. Opening Browser |  |
|  | Est. time: 3.3 sec. |
| image | Open Your Browser |

|  |  |
| --- | --- |
| * 1. Get Udemy Website |  |
|  | Est. time: 3.4 sec. |
| image | **Search on google for Udemy** |

|  |  |
| --- | --- |
| * 1. Click on the first Link |  |
|  | Est. time: 4.3 sec. |
| image | Click on the first Link to go inside Udemy |

|  |  |
| --- | --- |
| * 1. Log in Process If User Wants to Login Udemy Website |  |
|  | Est. time: 2.4 sec. |
| image | Frist You need to Check if he is already Logged in or not |

|  |  |
| --- | --- |
| * 1. Log in Process If User Wants to Login Udemy Website |  |
|  | Est. time: 4.4 sec. |
| image | Action: Click Continue With google |

|  |  |
| --- | --- |
| * 1. Log in Process If User Wants to Login Udemy Website |  |
|  | Est. time: 2.5 sec. |
| image | Action: Click on the User Account That he Entered |

|  |  |
| --- | --- |
| * 1. Log in Process If User Wants to Login Udemy Website |  |
|  | Est. time: 2.4 sec. |
| image | Action: Click Continue |

|  |  |
| --- | --- |
| * 1. Udemy Searching |  |
|  | Est. time: 2.4 sec. |
| image | Type Course Name into Search Bar |

|  |  |
| --- | --- |
| * 1. Udemy Searching – Extract Courses |  |
|  | Est. time: 8.3 sec. |
| image | In first three Courses get its Data |

|  |  |
| --- | --- |
| * 1. Extract Course Data |  |
|  | Est. time: 2.9 sec. |
| image | Get Course Name |

|  |  |
| --- | --- |
| * 1. Extract Courses |  |
|  | Est. time: 4.6 sec. |
| image | Get Course Rate |

|  |  |
| --- | --- |
| * 1. Extract Courses |  |
|  | Est. time: 2.7 sec. |
| image | **Get Course Author “Created By ”** |

|  |  |
| --- | --- |
| * 1. Extract Courses |  |
|  | Est. time: 6.3 sec. |
| image | Get Course Price |

|  |  |
| --- | --- |
| * 1. Results Present |  |
|  | Est. time: 1.8 sec. |
| image | **Present Results Like this As Tow Courses Ordered By Lower Price And Higher Rated** |

## Exceptions Handling

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

### 

### Known Business Exceptions

Details regarding how the robot should handle the exceptions.

|  |  |  |
| --- | --- | --- |
| Exception Name | Action | Action to be taken |
| *Udemy doesn’t Response* | ***Reload*** | ***Reload and tray Again*** |

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Thank You\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**