Fraudulent Account Closing using RPA

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Abstract-Accounts related to banks, organizations, applications, services and what not –all of these must be monitored for positive use and anything suspicious should be reported. A robot software is a software application that replicates a human being's action that interacts with a computer system's user interface.This automation is used to reduce their schedule's cost and time to complete. It is based on the faculty in the automation system to complete their work faster. Doing such a process manually going through logs on a continuous basis is not a viable option for an individual to do so and hence yet another scenario that was made for an RPA based software robot to take up and close that particular account. The humans are in the era of mathematical and parallax errors being committed while there are no errors in terms of RPA.Although commands and the framework may take time to do some work, the work can be done more quickly and efficiently after the process from man - hours and man - years to minutes and seconds. They help monitor all users ' activities in the system.

Keywords: classification of data, pre - processing data, summary of data, language features, extraction of features.

I. INTRODUCTION

The Automation process will support Closing Automation (FACA) fraudulent account. By comparing data, it will enable the admin to close the accounts and their services. This automation is used to reduce their schedule's cost and time to complete. It is based on the administrator in the automation system to complete their work faster. Furthermore, the FACA will allow the admin to keep track of each user's activities while performing different operations in maintaining the accounts, specifying the services. It will clearly identify the process to restrict access and information by category and should report anything that is suspicious.

II. OBJECTIVE OF THE PROBLEM

The system proposed consists of 4 panels: login, process of selection, data entry and mailing. The login must be done by the user who uses the required details to create the account. The next step will be the processes of selection if all the data is stored in the data center. After entering all the user details individually, a report will be generated and the data present in the data center will be compared. Then, if the data is correct, it will send the mail to the particular user and match the data in the data center.

III. SIGNIFICANCE OF THE PROJECT

UiPath is our automation tool's free, fully featured and extensible version. This platform delivers the fastest and most reliable RPA that increases unlimited business performance. To enable you to build the process, it is easy to use, highly responsive, and instantly scalable. RPA tools for laptops and workstations are defined as non-integrated, stand-alone software. UiPath is recognized worldwide for technological excellence and product leadership. RPA is the industry's largest, the most active in the field of automation.
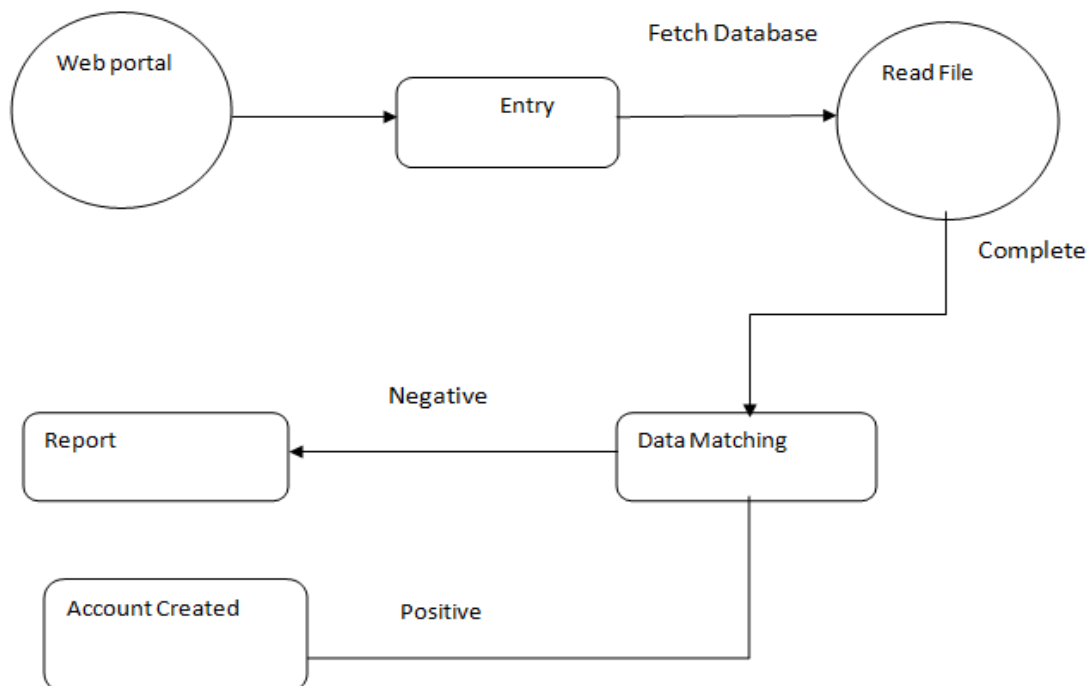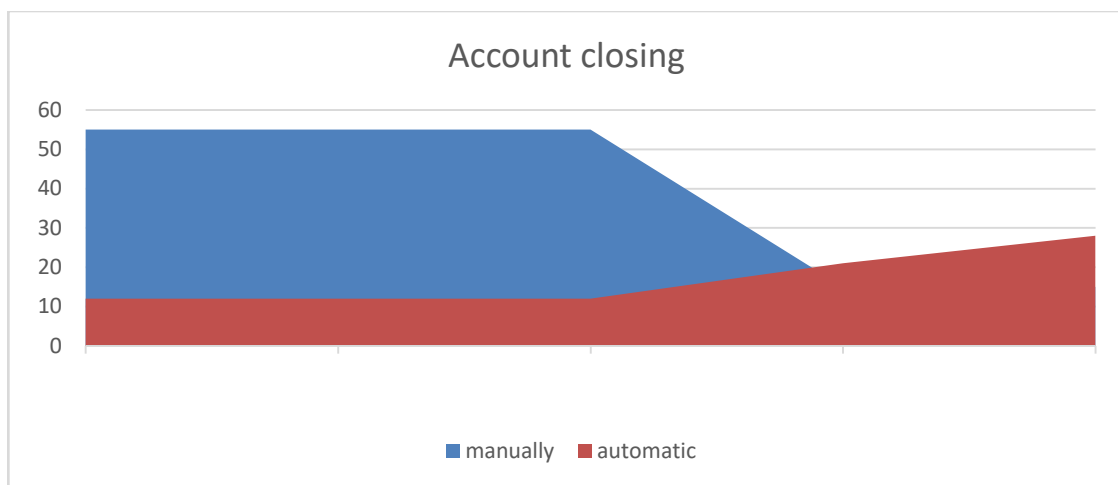
There are three main products in a UiPath feature:

- **UiPath Studio-** Develops automation processes using visually appealing diagrams

- **UiPath Robot-** Runs UiPath Studio Processes

- **UiPath Orchestrator –** An application that deploys, manages and monitors processes / robots.

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UiPath robots and executors interact simultaneously with enormous amounts of data. We can run a process on either a single or multiple robots or any number of specified robots and group them in the environment.UiPath Studio software automates repetitive tasks in the back office. It is one of the tools used in business process automation. It transforms each task into UI automation, making it easier and faster to work. There are multiple workflow designs in Studio.UiPath Studio comes with a debug component that easily locates problems within complex workflows. This easily verifies the execution activity and observes if there are any errors in the output.
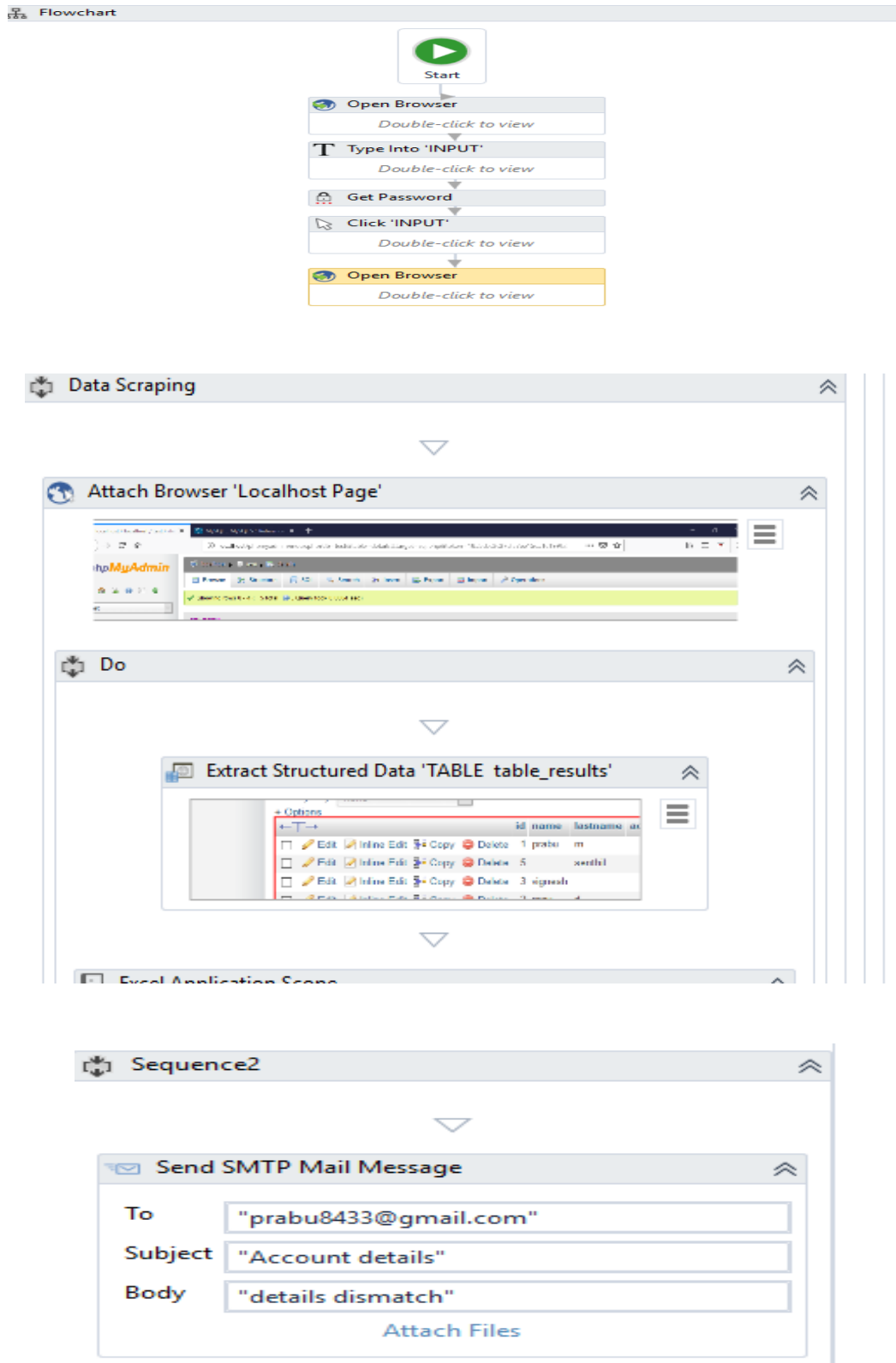
IV.   SYSTEM ARCHITECTURE

The existing system faces few problems with the user and the fake accounts accessing the various services. The administrator will login the website and check the generated information. Then you need to generate the report using specific identifications for each suspicious account. They must also enter the details for all the users required. After process completion, mail must be sent for account creation to that particular user.

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V.   RELATED WORK

The generated report will be automatically logged in and processed in this proposed system. Then it will be the selection processes if the details in the web portal entry are automatically entered. It will generate a report after entering all the details individually. The user details added to the database will be scraped data. The bot scraps the user details, which will automatically be drafted into an Excel-Sheet. After completion of the process, it will send the mail to the user and the administrator.

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HTML, CSS and PHP are the front ends used in this project. A Hypertext Markup Language is a standardized system for tagging text files on World Wide Web pages to achieve font, color, graphics, and hyperlink effects. Cascading Style Sheets (CSS) is a style sheet language used to describe a markup language-written document presentation. Hypertext Preprocessor is a widely used general-purpose open source scripting language that can be embedded and is particularly suitable for web development.

The MYSQL database is the back end used in this project. MYSQL is a Relational Database Management (RDBMS) open source system. MYSQL works on many system platforms and Database is a popular choice for web applications. MYSQL is often used by an open-source project requiring the full feature database management system.
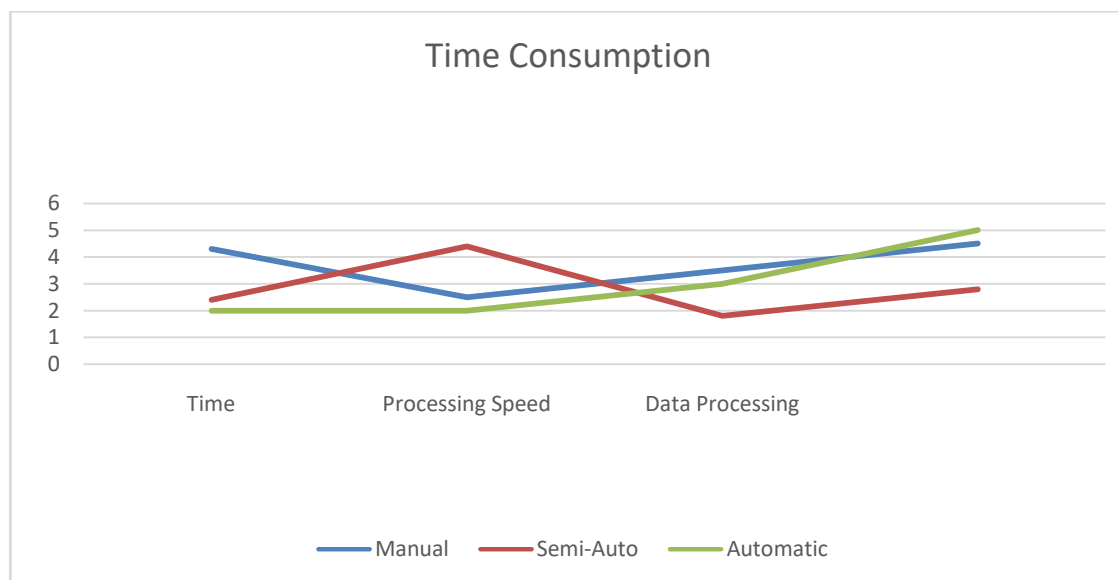
VI.   DEVELOPMENT APPROACH

- UiPath studio conversion was designed and developed based on the Waterfall Model. This model particularly expresses the interaction between subsequent phases.

- Testing Uipath is not an activity, which strictly follows the implementation phase. In each phase of the Uipath development process, we have to compare the results obtained against that which is required. In all phases quality has to be assessed and controlled.

VII.   PERFORMANCE EVALUATION

The capability of the computer depends on the performance of the software. The software can take any number of input provided the file size is large enough. This would depend on the available memory space.

The system specification is produced from the detailed definitions. This document should clearly define the product function.

VIII.   CONCLUSION AND FUTURE DIRECTIONS

The main objective of this paper is to provide a summary of the opinion that can reduce the time of execution and make this method more reliable. This present study discusses how to make the RPA automation to avoid the problems of overload due to the different details. The summary of opinions can be generated by taking into account both the data generated and the local data. It is done using various methods such as preprocessing data, tagging parts of speech (POS) and classification of details. This can be useful for users to easily understand the details.

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