I have got 7 years’ experience in IT with more than 4+ years in **RPA**implementation dealing with**Pega Robotics Open Span.**I have hands on experience on implementing RPA and RDA using an Pega Robotics (OpenSpan) tool across different platforms. In the last project with SunTrust Bank INC, I worked as a Lead RPA developer andr was involved in developing and maintaining 6 End to End **RDA**process in **Openspan**.While I was even responsible to move them into production and worked closely with business clients to ensure the smooth viability of the bots.

My Role was Lead Developer with a team of 6 where i assigned tasks to them and kept track for them. I used to daily conduct daily scrum calls with the team and report back status to Client and had to conduct meetings with the client BA’s and had to gather requirements. I have worked with applications like web, windows, desktop and mainframes. I took responsibility to integrate the code into SERVERS and deploy the code. Client was following agile methodology where For every sprint he did demo the bots to the client to get a sign off and implement the code into production. We also worked on enhancement to the bots which were already in production and successfully implemented them.

These was something more about the management side

Initially my project started with SunTrust I have been involved in requirement gathering phase where I had to communicate with client to know their perfect requirements.

Once everything was aligned the project we started the project and I was more into development side of the project.

We implemented agile desktop in RDA process in Openspan. As It was banking sector the tracks we worked were mortgage and aml . We created bots where they interacted with different applications when I say applications they can be web based, mainframes and desktop applications.

**The sceneries were data manipulation, data extraction updation and uploading them into excel and so on.**

**Situation:**The project background was the user should manually Login into an application and compare the data with different applications and updated the status.

So, in this scenario the user used to manually login into web application and needs to compare the fields and update the status of the case.

Task: By building the Building bots for this scenario we reduced around 4 FTEs with a efficiency of 80%

The development work that was done was we created an agile desktop where we used interaction XML to configure the activities buttons. To the user where once the user triggers the bot then It automatically starts application logins and copy all the fields into look up tables then log backs into different applications and compares gets the results and update the case status in the salesforce. We also used proxy to Transfer information. For data output box.

We followed coding standards such as folder structure where we had different folders in the project for events, procedures and activities.

Coming to code integration part we had our code in TFS with a master branch which has all the code so so did create a sprint branch from the master and every sprint we merged our code into TFS and get the latest code. We were using GIT integrated with TFS. For deployment we used OMC where for every use case we used to move our code to OMC for Unit and Sit testing where I used to help testers test the code and then made the package move to preproduction where business users to test the code and did a signoff to move the code into production.

The challenges faced were while interrogating with web applications where it had hidden button.

The challenges faced mainly with web application. When we interrogate the pop ups in the application the buttons were not able to interrogated properly as in a way they used get matched while developing the application but when the bot was running it was not able to click on the button as there were many hidden controls in the application so we wrote a logic in a way that it could get the size of the controls including in pixels and relative parent control in that way u were able to click on the button

The second challenge was with main frames it was throwing winhillap error which was not able to diagnose so by using debugging mode we were able to understand why it was coming through and we observed it was causing through the pauses in the automations. So eliminated max number of pauses where it stopped throwing the error.

**An activity represents the various work items across an organization as defined in the Activities section of the Interaction.xml configuration file. Activities are queued and run in sequence within the Interaction Framework.**

**The .PDF connector has been added into robotic studio as of version 8.0.1027**

**In order to find it you will have to go to the 'Tools' tab at the top of the screen (File, Edit, View, Debug, TOOLS, Window, Help). Click it and select Choose Tools. From there filter via the words '.pdf' and it should show up. Check the box for the tool and it will now show up in your toolbar.**

**IF YOU DON’T FIND EXCEL CONNECTORS THEN CHOOSE ITEMS AND THEN GO TO PEGA ROBOTICS STATIC MEMBERS AND CLICK BROWSE AND SLECT THE VERSION OF OFFICE.DLL VERSION**

**SELECT WORK BOOK IN EXCEL adapters properties and select the excel you need to upload and save the path.**

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