**Web Posting:**

The process depends on one input excel file, containing patient data of different insurance companies. This file will be generated multiple times on every day.

**Current process:**

1. Every day user need to check for input file for current date in the respective folder.
2. He needs to open the file and check for the name of the insurance company (AETNA, BLUECROSS...etc.) for all the records.
3. If it is AETNA, he needs to navigate to AETNA web portal and need to authenticate himself
4. He needs to start entering the data into AETNA portal from input file cell by cell from excel
5. Once he enters all the data of any one record he needs to submit it to the AETNA site then he needs to start the pixcert application to submit entered data screen shot along with patient information.
6. Once he is done with above two processes Aetna and pixcert posting, he needs to write the status of record submission to Health Quest main frame application.
7. He needs to repeat the same process for all the records in input file.
8. Once all the records are processed he needs to move the file to some other folder

**Issues:**

1. Lots of Human effort
2. Processing time is more
3. Human errors
4. More workforce

**RPA Process:**

1. Using RPA, we develop one bot to perform above discussed process without human intervention.
2. The bot can be scheduled to run at specific time.
3. Bot looks into respective folder to get input file based on current date, it will get all folder/files path from configuration file.
4. If the file available for particular run, it opens the file check for insurance company type the it will navigate to related portal and starts entering the data after submitting the record to payer site takes the screen shot and it triggers the pixcert application it will submit it there.
5. Then bot triggers the Health quest application to submit the record status and it repeats the same process for all records in the file
6. Once it processes all the records it will close all the applications opened by the bot and it moves the input file to processed folder

**Advantages:**

1. Bots can be scheduled
2. The processing time is very less
3. Greater productivity
4. less error prone
5. cost savings

**Social Media Bot**

The process depends on one input text file, containing the text to post and all the images in jpg/png format which needs to be posted on social media.

**Current process:**

1. User needs to navigate to social media sites like Facebook, LinkedIn, Twitter, Gmail…etc. and needs to authenticate himself by providing login credentials
2. He needs to perform some mouse click operations like clicking create post, share, photo/video buttons in Facebook
3. He needs to type the data and upload the photos/videos by selecting from the file locations which he wants to post
4. Once he is done with the posting user needs to logout from the website
5. Same process he needs to repeat for all the social media websites

**Issues:**

1. Lots of Human effort
2. Processing time is more
3. Human errors

**RPA Process:**

1. Using RPA, we develop one bot to perform above discussed process without human intervention.
2. The bot can be scheduled to run at specific time.
3. Bot looks into respective folder to get input file and all the images that’s needs to be posted, it will get all folder/files path from configuration file.
4. Then Bot will navigate to all the social media sites and it will login to the sites by reading the URLs and credentials we mentioned in the config file
5. Then It reads the input text file and it will type this data into required text area as the way we trained in the same way it looks for jpg/png images in mentioned folder and it will upload
6. In the same way it will post for all the social media sites which we are configured
7. Once it is done with the posting for all the configured social media sites it will move the all the input files to some other folder (processed)

**Advantages:**

1. Bots can be scheduled
2. The processing time is very less
3. Greater productivity
4. less error prone
5. cost savings

**Expense Manager Bot**

The process depends on one input Excel file, containing all the expenses details

**Current process:**

1. User needs to open the input excel file and if the record is about to flight booking information then he needs to copy the pnr number and navigate to respective airlines web site and get the details related to this pnr.
2. Then he needs to compare search data with excel file data if both are