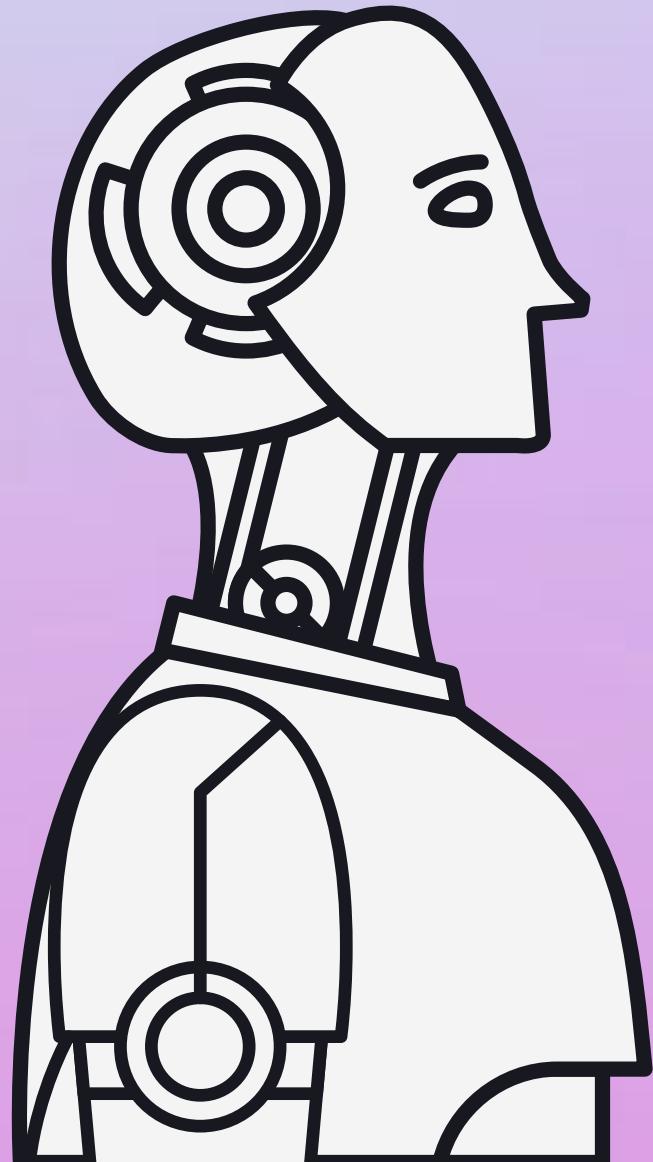


# ROBOTIC PROCESS AUTOMATION

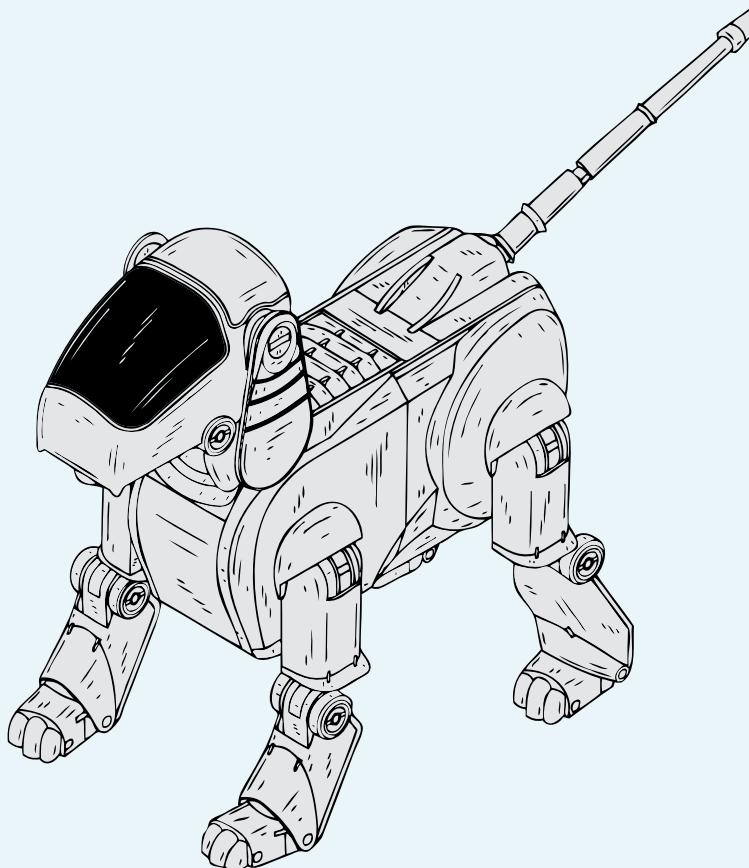
## BigBankBOT



# ProcessFlow

## Details

### (With Computer vision)

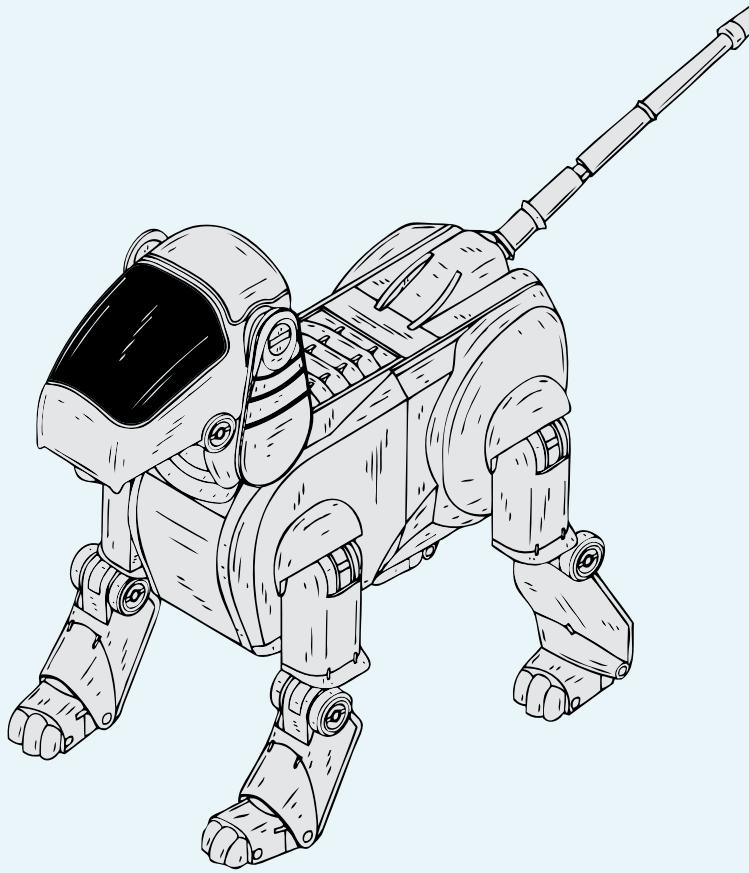


- ★ **Open Banking Login page on WebBrowser.**
- ★ **LogIn-Read UserName and Password data from Excel.**
- ★ **Fill up loan data-Read Email,Amount,Term,Income and Age data from Excel.**
- ★ **Submit application. Capture LoanID number and Approval rating data.**
- ★ **Log out from account.**

# ProcessFlow

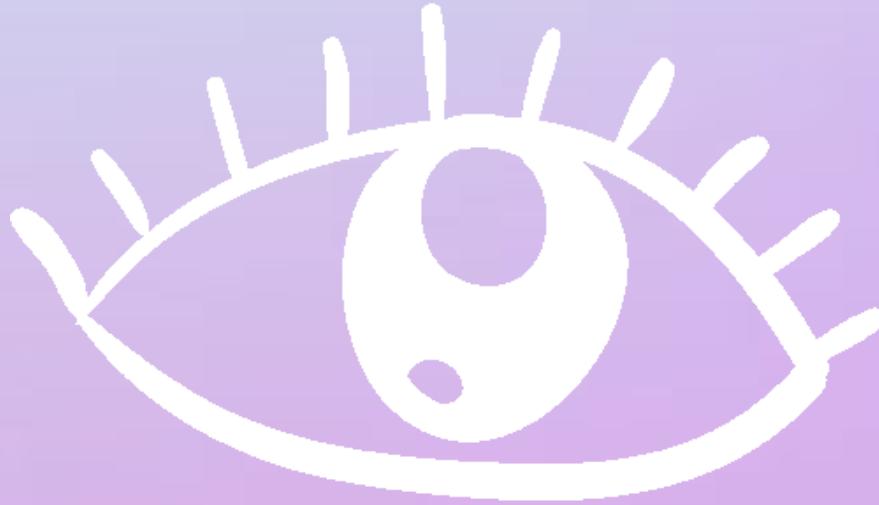
## Details

### (With Computer vision)



- ★ If APR<11%, write data to notepad.
- ★ Write FULL data into Excel under "Particulars" sheet.
- ★ Loop again if there are more account data read from Excel.
- ★ Read email data under "SendEmailMaster" sheet
- ★ Attach notepad to dynamic email.
- ★ Send out dynamic email using Gmail.

# OCR VS Computer vision



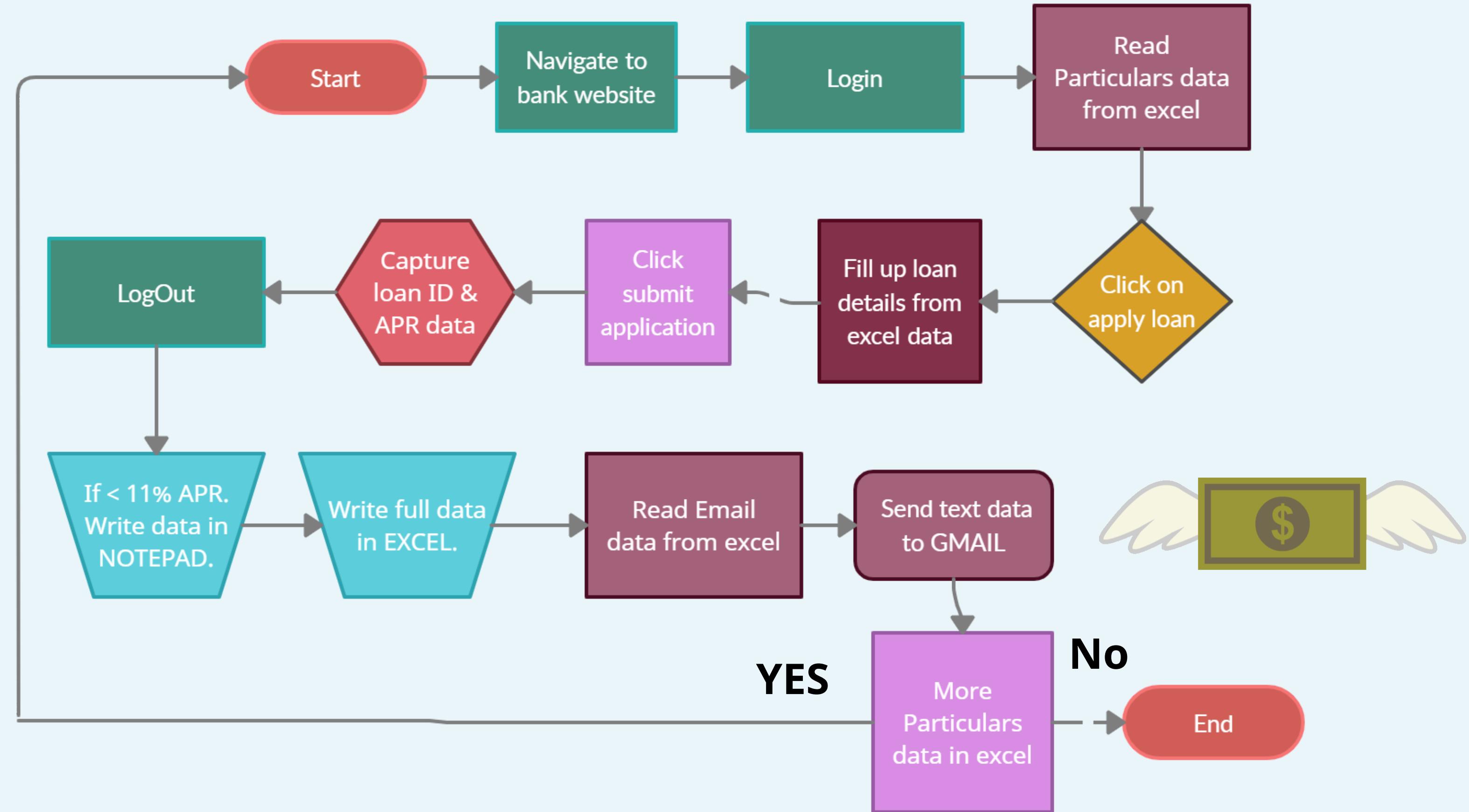
# OCR

- Automation is done based completely on the images on the UI to be reliable.
- If the images slightly changes with its structure, OCR would not be reliable.
- Doesn't need network to be in server.

# CV

- Computer vision operates across all platform instead of relying on image based automation.
- Allows for the real-time identification of each element in a virtual environment based on how it looks.
- Requires network to be in server.

# Process Flow Chart



# ORCHESTRATOR

## Unattended Robot

Home    Automations    Monitoring    Queues    Assets    Storage Buckets    Testing

Processes    Jobs    Triggers    Logs

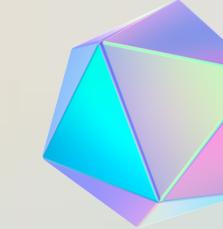
Search  Filters  Columns 

+ Add a new trigger

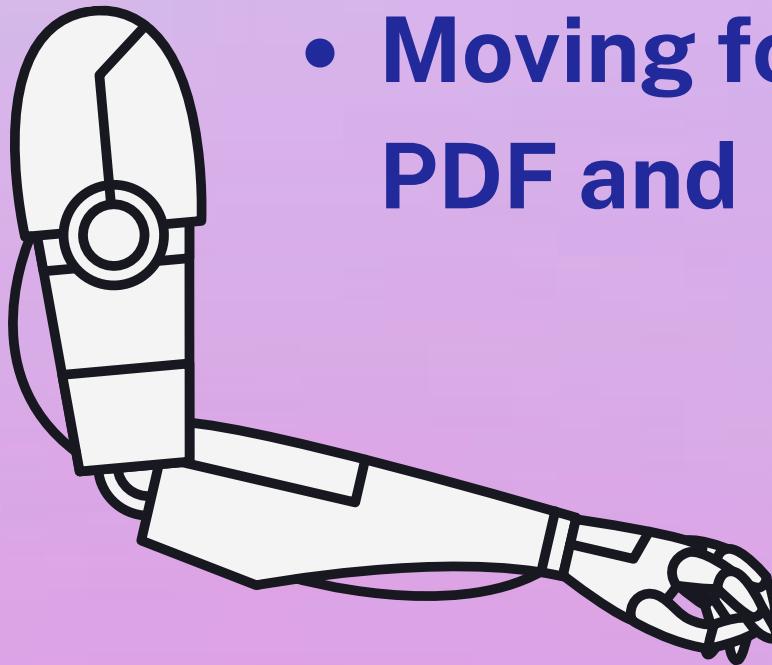
<input type="checkbox"/> Name ^	Process 	T. 	Trigger Details 	J. 	Next Run Time 	Stop After 	
<input type="checkbox"/>  LoanTime	BigBankBot	Time	At 09:00 AM	<input type="radio"/> Inheri  L in 7 hours			

1 - 1 of 1    |< < Page 1 / 1 > >|    Items per page: 10 

# Reflection



- RPA has the power to streamline the customer onboarding experience which is very important in the banking industry.
- Computer vision is great to work with to produce reliable and accurate workflow.
- In this project, I've worked with several features interacting with applications like Excel, Email, Notepad and WebBrowser.
- Moving forward, i would like to try automating with other applications like PDF and Android application.



**Thank You !**

