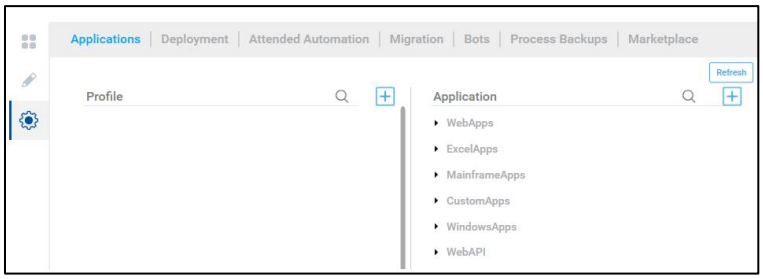
AssistEdge RPA

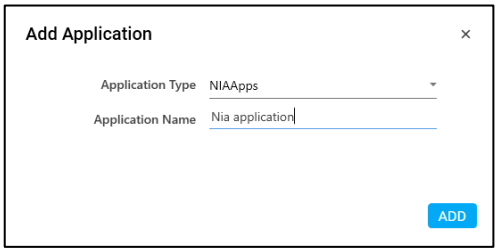
Demo Guide

18.0

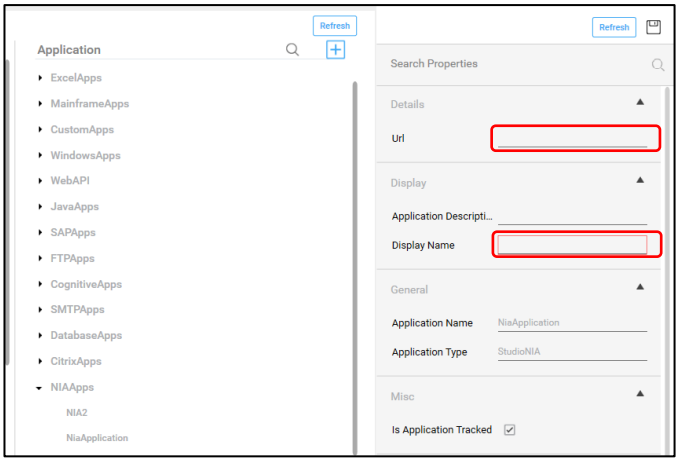
Nia Vision – (Refer to Slide Number <Slide Number>)

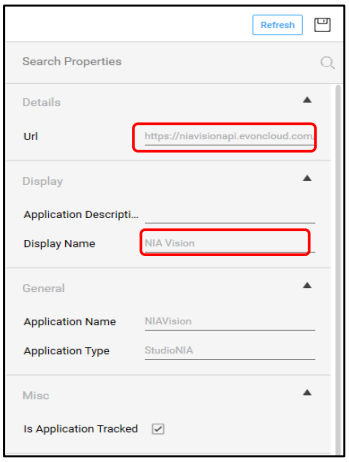
1. Open **Automation studio** and add a new application.



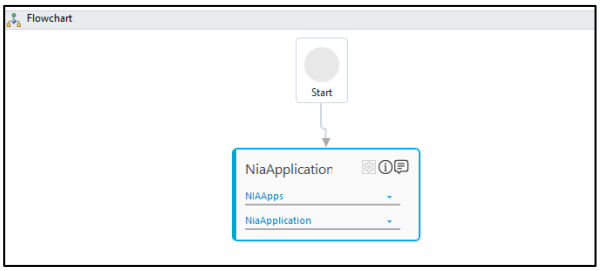


2. Click on + icon to add a new application. Application Type **NIA Apps** and give it a name **Nia application**.
3. Provide the Nia server **Url** and **Display Name** (any name).

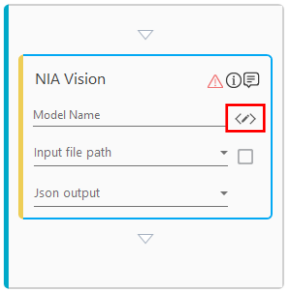




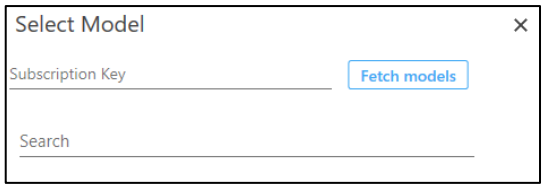
4. Create a new process and add an **Application activity**. Select application type as **NIAApps** and select the **NiaApplication.**



5. Drag and drop **Nia vision** activity inside the **NiaApplication** activity. Click on the **Model Name** selection.



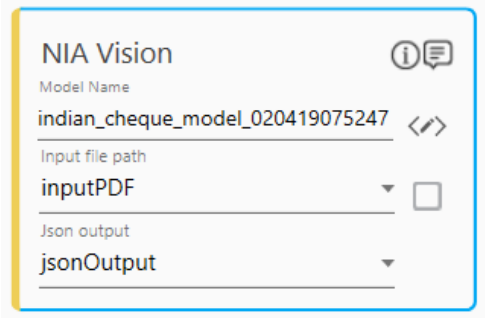
6. Provide the **subscription key** to fetch the models. Select the desired model from the drop down.



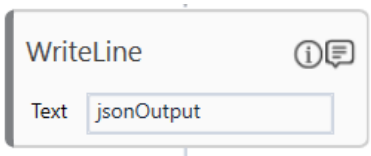
7. Create 2 arguments, first for the pdf input file and second for storing the **Nia** outpu

Name	Direction	Argument type	Default value
inputPDF	In	String	"D:\Demo\CanaraBankCheque.pdf"
jsonOutput	Out	String	*Default value not supported*

8. Set the **Input file path** and **Json output** field from the arguments**.**



9. Add a **Writeline** activity to check the output.

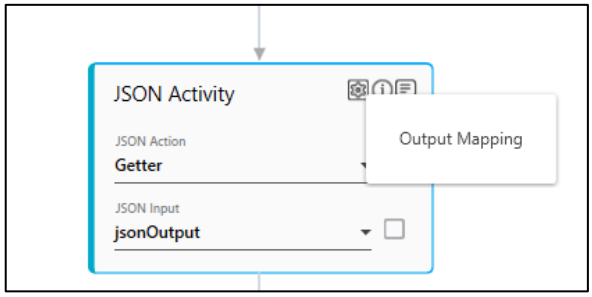


10. To check whether **Nia service** is working **Setup environment** and **Test Run**.
11. Now, to extract the data based on the output, first use **Json activity** to get the co-ordinates. Select the action as **Getter** and **jsonOutput** argument for json Input**.**

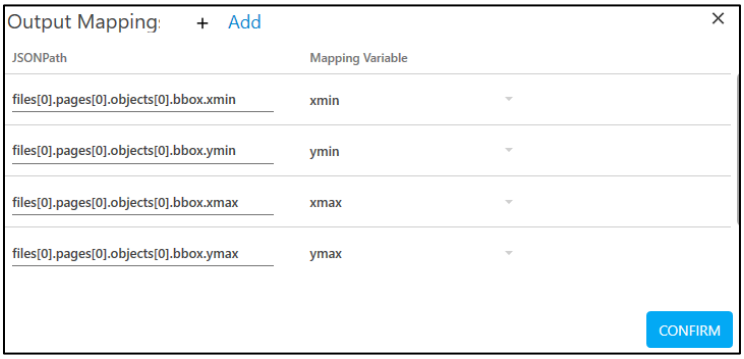
12. Create 4 arguments to store the co-ordinates.

inputPDF	In	String	"D:\Demo\CanaraBankCheque.pdf"
jsonOutput	Out	String	*Default value not supported*
xmin	In	Int32	*Enter a VB expression*
ymin	In	Int32	*Enter a VB expression*
xmax	In	Int32	*Enter a VB expression*
ymax	In	Int32	*Enter a VB expression*

13. Click on the settings icon then click on **Output Mapping**.



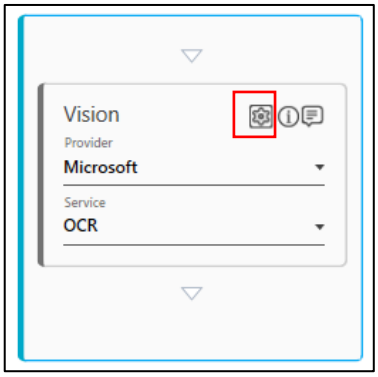
14. Click on **Add** to add new mapping. Provide the **JSON Path** and map it to the variable.



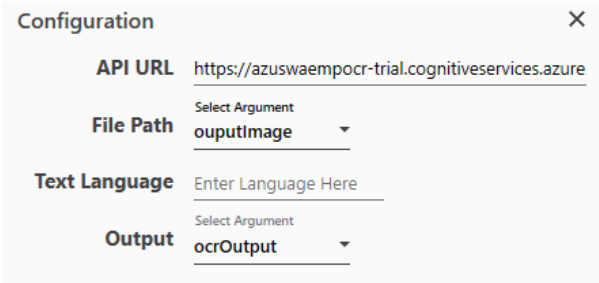
15. Add a **Pdf to Image** activity after **Json activity.**

16. Select the options:
    a. **PDF file Path:** inputPDf (argument)
    b. **Page Number:** 1(Select the check box)
    c. **Output Image Type:** Specific Image Area(From dropdown)
    d. **Select the 4 co-ordinates**
    e. **Output Image Path: <create an argument>**
17. Add an **Application** activity below **PDF to Image.** Select application type as **Cognitive Apps** and select one from the drop down.

18. Now, add a **Cognitive Vision** activity inside the application. Select provider as **Microsoft** and service **OCR.** Click on settings button



19. Fill the configuration details:
    a. **API Url:** <Enter the Microsoft OCR vision url>
    b. **File Path:** outPutImage (argument used in PDF to image activity)
    c. **Text Language:** <leave it blank>(optional)
    d. **OutPut:** ocrOutPut (create an argument of string type)



20. Use a **WriteLine** activity to see the results.
21. **Setup Environment** and **Test Run.**

Note: You need subscriptions keys for Nia service and OCR service.