**Creating blank Process in UIpath for automation**

Studio Terminologies:

In the uipath go to settings->select Design->Use Modern for new projects->select No->select Start

* **Process**: Project/workspace which stores all files.

Select process->Name: **FirstDemo1Process**->give some Description

Compatibility: Windows Legacy->Language: VB->select create

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* **Dependencies**: Libraries to support Automation.
* **Xaml**: Design Automation Workflow
* **Project.json**: Project Information and metadata to publish
* **Activities**: uipath core packages for Designing workflow
* **Properties**: Properties list for selected Activity
* **Outline**: Output console to log Workflow results
* **Ribbon Menu**: uipath tool features

**Understand UI features of UIPath and their significance**

* **Activities**: uipath core packages for Designing workflow

To use a activities-> select activities ->search the activities and drag it and drop to the Workflow area

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**Recording Desktop application activities using UIPath**

Different options for Recording:

* **Basic**: It will work on any app. It support all basic apps but not in depth, which is simple flow.

To create workflow of calculator

Select Basic->click on the desktop

Application Path: C:\WINDOWS\Explorer.EXE

Give Arguments: e.g. C:\Windows\System32\calc.exe

Select OK

Open the calculator->Select Record->do a calculation in the calculator->close the calculator

->give esc to come out of recording mode->select save and exit->it will save and create a workflow

To run the workflow->select dropdown Debug file->select Run File

* **Desktop**: It is for Desktop
* **Web**: It is for Web
* **Image**: It is for Image
* **Native Citrix**:
* **Computer Vision**: It will not have any properties. It will work on AI.

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**Understanding Sequence and flow chart workflow**

* Select Main.xaml file->double click Open explorer.exe Program

->Here all are Activities like click button, click application. Which is used to build the calculator.

* To create another Activities for notepad application, creating another **.xaml** file.

Open notepad and type how are you? And then close it

* In the Uipath studio->select project->right click on the project name->select Add

->select Flowchart->select create

* There are two type of workflow: **flowchart** and **sequence**
* In flowchart workflow we can have both sequence and flow chart types.

But in sequence we can’t have both so we can’t have flow chart.

* Copy the sequence in **Main.xaml** file->and paste it in Flowchart->rename the sequence to Calculator->then connect the flowchart with the sequence
* In the flowchart workflow, multiple sequence can be run.

To create workflow of notepad

Select Basic->click on the desktop

Application Path: C:\WINDOWS\Explorer.EXE

Give Arguments: e.g. C:\Windows\System32\ notepad.exe

Select OK

Open the notepad->Select Record-> Open notepad, click on it and type: How are you? Then hit enter. Then in the notepad select format, select font, select 72 size and select Narrow Bold italic and click ok and close the notepad.

->give esc to come out of recording mode->select save and exit->it will save and create a workflow

Join the Start with Notepad to run the workflow of notepad

To run both Calculator and Notepad. First join Start with Calculator. Then join Calculator with Notepad.

To run the workflow->select dropdown Debug file->select Run File

First it will run workflow of calculator then will run workflow of notepad

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