

This UiPath workflow is designed to process PDF invoices from a specific folder and extract relevant information from them to create Excel files. Here's a detailed explanation of what the bot is doing:

1. The workflow starts with a Sequence activity, which is a container for other activities to be executed in a specific order.
2. Inside the Sequence, there is a ForEachFileX activity that iterates through all the PDF files in the "C:\Users\Arijit\Documents\UiPath\Project\invoices\input" folder.
3. For each PDF file, the following steps are performed: a. The ReadPDFText activity reads the entire content of the PDF file and stores it in the pdfOutput variable. b. The content of the PDF file is written to a text file named "pdf.txt" using the WriteTextFile activity. c. Various TextToLeftRight activities are used to extract specific information from the PDF content, such as the invoice number, invoice lines, sales information, total due, shipping and handling, sales tax, subtotal, bill-to address, and ship-to address. d. The extracted information is cleaned up by replacing double spaces with a pipe character (|) using the Assign activity. e. The GenerateDataTable activities are used to convert the extracted invoice lines and sales information into DataTables. f. The PDF file is moved from the input folder to the "C:\Users\Arijit\Documents\UiPath\Project\invoices\processed" folder using the MoveFile activity.
4. After processing the PDF file, an ExcelProcessScope activity is used to create an Excel file with multiple sheets containing the extracted information. a. Inside the ExcelApplicationCard activity, a new Excel workbook is created using a template file named "excel.xlsx" from the "invoices\processed" folder. The workbook is saved with the name [invoiceNo].xlsx in the same folder. b. The WriteCell activities are used to write specific values, such as headers and extracted data, to various cells in different sheets of the Excel workbook. c. The WriteRange activities are used to write the DataTables containing the invoice lines and sales information to their respective sheets in the Excel workbook.

Overall, this UiPath workflow automates the process of extracting relevant information from PDF invoices and creating structured Excel files with that information. It demonstrates the use of various UiPath activities for PDF text extraction, data manipulation, file operations, and Excel automation.