# UiPath Project Documentation - UnbilledInvoices\_Dispatch

## 1. Project Overview

This document provides an overview of the UiPath project 'UnbilledInvoices\_Dispatch'.

The project is designed to automate the dispatch and management of unbilled invoices.

It includes various workflows for data extraction, manipulation, report generation, email notifications, and error handling. The system ensures timely reporting and tracking of pending invoices.

## 2. Key Workflows

### 2.1 Business Logic Workflows

These workflows manage the primary automation logic for invoice dispatch and processing. They include data extraction, validation, and submission workflows.

- 20\_StartProcess.xaml - Initializes the process and sets up required configurations.

- 30\_**BuildDataTable**.xaml - Constructs and structures the data table used for further processing.

- 40\_BeforeEndProcess.xaml - Finalizes the workflow and prepares data for output.

### 2.2 Utility Workflows

These workflows provide support functionalities such as data extraction, manipulation, and dispatching of invoices.

- **DataExtraction**.xaml - Extracts relevant data from source files.

- **DataManipulation**.xaml - Performs data transformations, formatting, and filtering.

- **Dispatch**.xaml - Handles the dispatch of processed invoices through email or other mediums.

- TEST.xaml - Contains test cases and validation steps for debugging.

## 3. Dependencies & Configuration

The project relies on UiPath libraries, Excel activities, and email integration for sending reports.

Ensure that all necessary configurations, such as SMTP setup and file paths, are correctly defined.

## 4. Input & Output Data

The project processes invoice data extracted from various sources, such as Excel files or database queries.

The output consists of structured reports, which are stored and dispatched via email to the relevant recipients.

## 5. Error Handling & Logging

The project implements robust error-handling mechanisms to detect and handle failures effectively. Dedicated workflows manage business and system exceptions, ensuring reliability and detailed logging for debugging and monitoring purposes.