

Overview:

The project involved developing receipt scanning software with OCR Technology. The client approached Mindfire to build a solution that would help them increase their online presence by product line extension. After analyzing the client's need, Mindfire offered to develop a solution in .Net and QuickBooks. A comprehensive digital receipt presents a practical substitute for traditional paper transactions, and enhances business efficiency significantly. This project assisted the client in increasing their cross-sell opportunities and reduces the overhead costs of their customers.

Client details:

Name: Confidential | **Industry:** Technology | **Location:** USA

Technologies:

.Net, Windows Form Application, QuickBooks, Entity Framework, SQLite

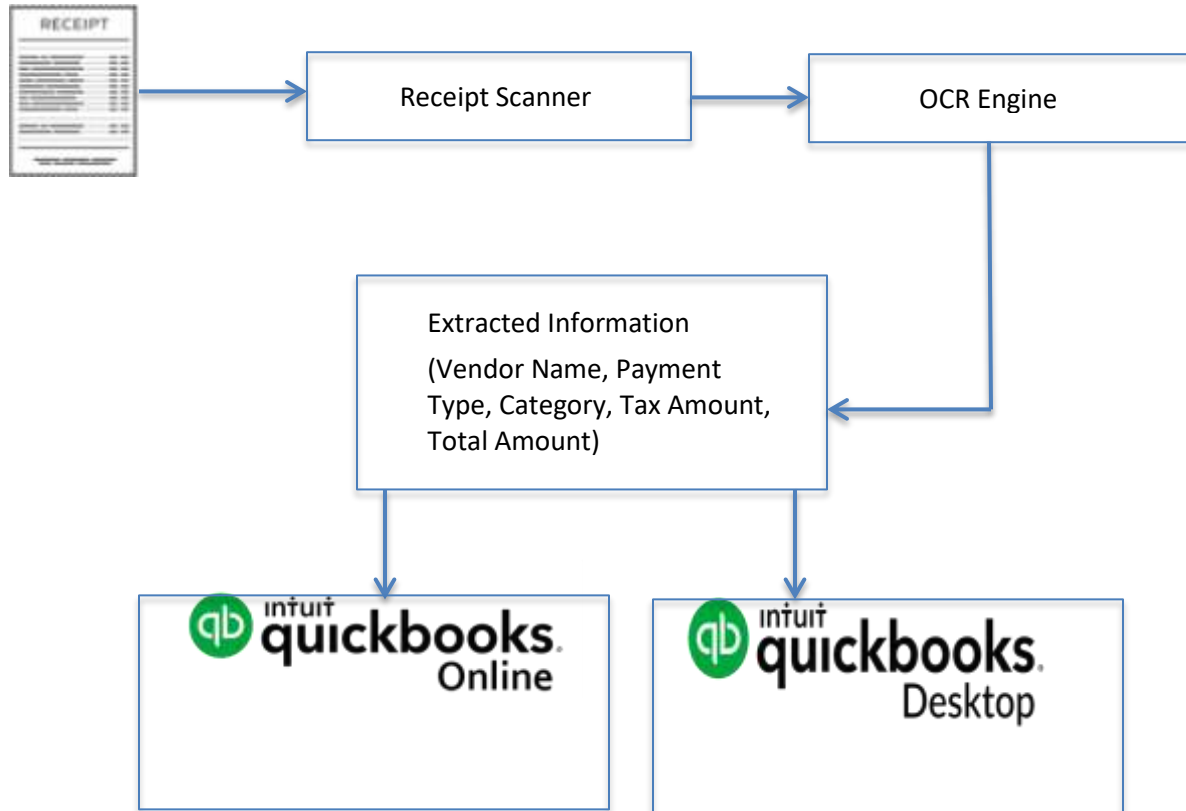
Project Description:

Purchase Orders, Receipts, Invoices are increasingly going digital these days. Business Process runs quick and smooth with digital documents as compared to a paper copy. The paper handling process not only increases cost but is also unsustainable due to the global pandemic which has brought a halt to the paper processes. Manually going through invoices is a challenging process and is prone to human errors. This application helped the client develop standalone receipt scanning software which was integrated with QuickBooks. It helped the client extract the data in a structured format for future use and meet the evolving need for financial accountability. Some salient features of the application:

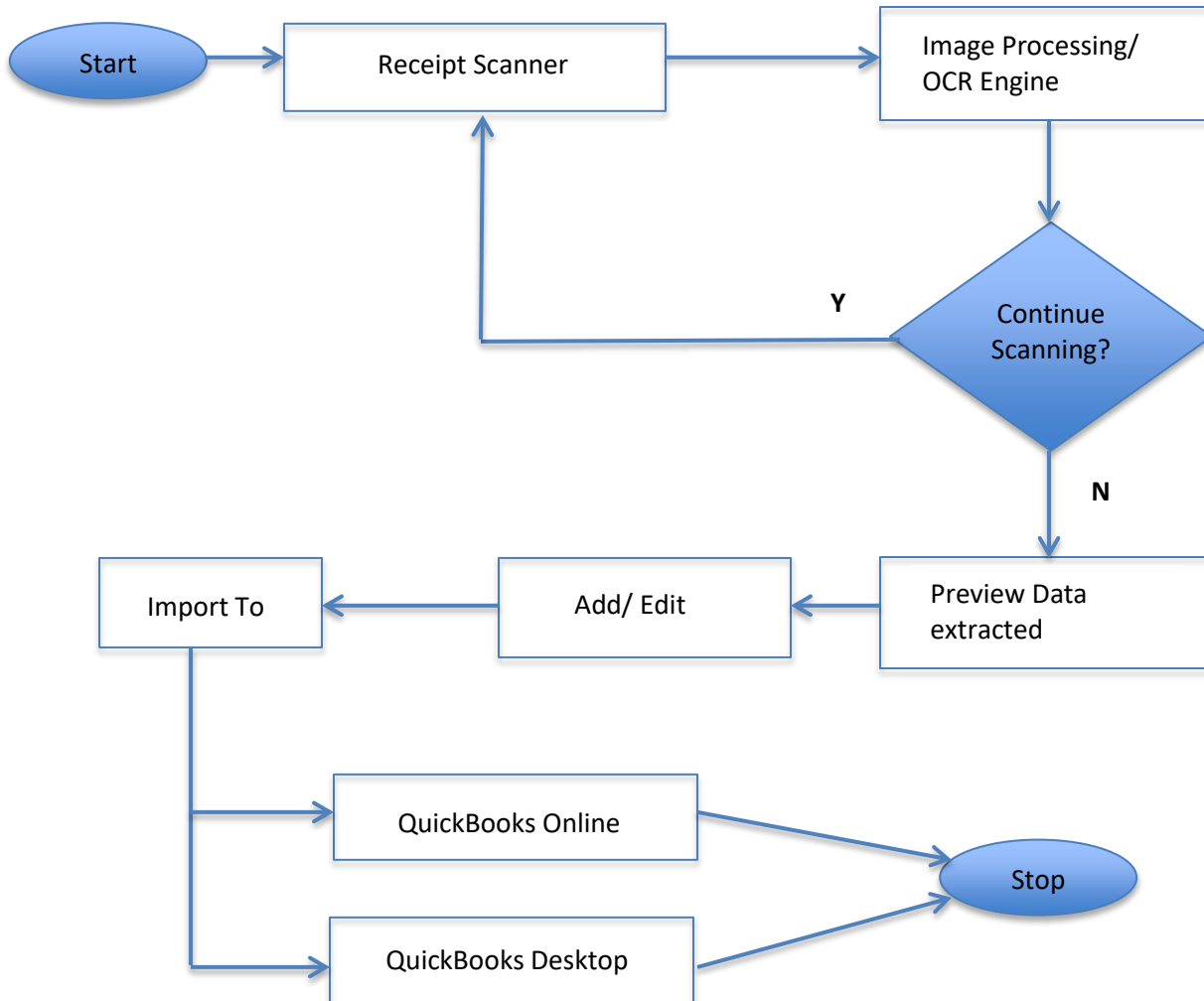
- The app can activate the scanner, capture an image of the receipt, run the OCR and process the data.

- The app will scan the receipts, and the scanner captures the image and then transfers the data to the OCR engine. Data extraction functionality takes raw OCR data and extracts the relevant information like Vendor, Receipt Date, Tax Amount, Total Amount, and Card Number.
- The extracted data can be sent to QuickBooks Online using API or QuickBooks Desktop using QBFC14 SDK based on the COM Library.
- QuickBooks was integrated with desktop App to provide users automation functionality with QuickBooks data entry. A user can enter the receipts into the scanner, and the app will do the image processing work. Subsequently, the user can send the data to QuickBooks Online or QuickBooks Desktop.

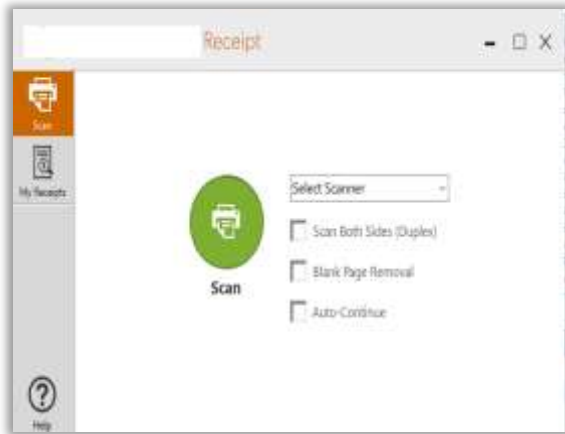
Architecture:



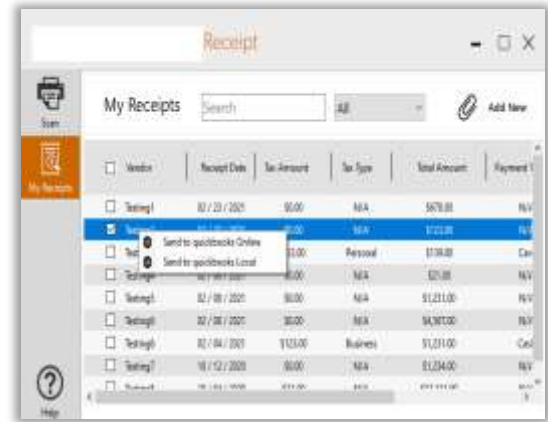
Flow Diagram: Sign In



Screenshots



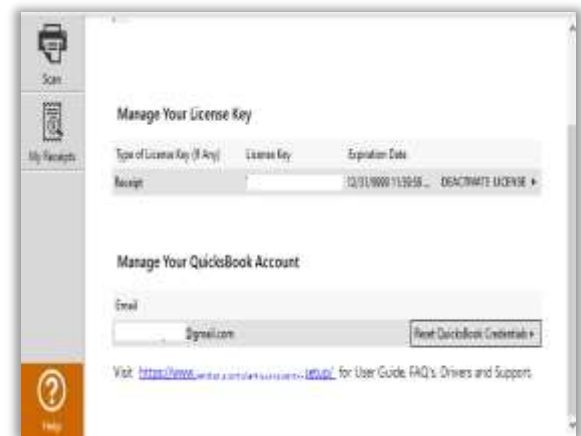
Screenshot 1: Select Scanner



Screenshot 2: Receipts View



Screenshot 3: Data Preview



Screenshot 4: Help View