

OCR Applications

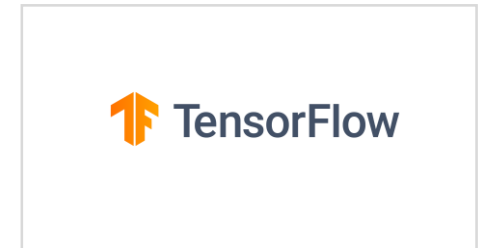


Recent Projects: **ShelterPoint (Insurance)**

- ❖ OCR Utility for Shelterpoint Premium & Claim processing system
- ❖ Premium & Claim forms having handwritten digits, Checkboxes & Signatures
- ❖ Read some information from Barcode also
- ❖ 70,000+ documents already processed
- ❖ Processing 500+ documents on daily basis

Technology

- ❖ Python
- ❖ OpenCV
- ❖ TensorFlow Object Detection API
- ❖ Tesseract
- ❖ Pyzbar



ShelterPoint: DBL Premium Form (Sample)



12705355_1.jpg

Get Text

Zoom Out Zoom In

State Mandated NY DBL / PFL & BaseLine Insurance Premium Invoice
 Payment Option 2 - Manual Employee Reconciliation & Calculation of Premium Due

Policy # **D125868** Policyholder **PLEASANT ACRES REALTY GROUP INC** Coverage Period **01/01/2019-12/31/2019** Invoice Date **12/10/2018** Bill Mode **Annual** Due Date **01/09/2019**

PART 1 - REQUIRED Employee Reconciliation & Payroll Summary. ALL Parts of this section MUST BE COMPLETED.

Step 1 Please indicate the number of employees covered each month for the past year broken down by gender in the boxes below, then enter the **SUM** of all months in the totals column. Please include part-time employees, covered proprietors, and voluntary covered employees at all business locations.

	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Male Count	2	2	2	2	3	4	4	2	2	1	2	2	28
Female Count	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Sum of All Covered Employees (A+B)													28

Step 2 ShelterPoint requires all policyholders with PFL benefits to report actual wages paid to employees at the conclusion of each calendar year. In addition a premium deposit is required for the current calendar year. Please use your payroll records to provide the information required below. All responses are subject to audit.

PFL Premium Reconciliation for Calendar Year 2018. Enter the ACTUAL TOTAL WAGES PAID to employees for the ENTIRE 2018 calendar year capped at the 2018 NYS AWW of \$67,907.84 per employee. **\$47,043.40**

PFL Premium Deposit for Calendar Year 2019. Enter the ESTIMATED TOTAL WAGES to be paid to employees for the ENTIRE 2019 calendar year capped at the 2019 NYS AWW of \$70,569.72 per employee. **\$47,043.40**

PART 2 - Premium Calculation - Provide Group Term Life Insurance for your Employees

Using the table below from PART 1, calculate your actual premium due for this past period being reconciled & any required deposit going forward.

1. Prior Male DBL Premium: A X \$1.95 =	\$ 54.60
2. Prior Female DBL Premium: B X \$4.25 =	\$ 0
3. Prior DBL Premium Subtotal: F + G =	\$ 54.60
4. Minimum Premium Amount for DBL Coverage =	\$ 125.00
5. Prior DBL Premium: (Greater Orsever of Lines 3 & 4) =	\$ 125.00
6. Prior & Current DBL Premium: H X 2 =	\$ 250.00
7. PFL Reconciliation for Prior Year: D X 0.00126 =	\$ 59.27
8. PFL Deposit for Current Year: E X 0.00103 =	\$ 71.97
9. Part 2 Premium Calculation (Sum of lines 6 thru 8) =	\$ 381.24

193.24

PART 3 - Review Coverage Options.

- Please issue my group a Term Life Insurance policy.

C X \$3.00 = **0** L

PART 4 - Invoice Summary - Calculate total amount due.

Billing & Late Fees Due **\$0.00** M

Total Premium Calculation (K + L + M) = **381.24** N

Credits & Premium Currently on Deposit **\$188.00** P

Total Payment Amount Due (N - P) = **193.24**

PAID FAMILY LEAVE COVERAGE IS REQUIRED BY LAW. Payroll Information provided above is subject to audit.

Need Assistance? Visit shelterpoint.com/epay Log in using your Policy #: D125868 Zip Code: 12159

PREDICTED VALUES

Submit

POLICY SECTION

Policy **D125868**
 Coverage Period **01/01/2019-12/31/2019**

EMPLOYEE RECONCILIATION & PAYROLL SUMMARY

Male **28**
 Female **0**
 All Employees **28**
 Reconciliation **47042.40**
 Deposit **47042.40**

PREMIUM CALCULATION

Prior Male DBL Premium **54.60**
 Prior Female DBL Premium **0**
 Prior DBL Premium Subtotal **54.60**
 Prior DBL Premium **125.00**
 Coverage **0.**
 Prior & Current DBL Premium **250.00**
 PFL Reconciliation for Prior Year **5927**
 PFL Deposit for Current Year **71.97**

Additional Active Coverage
 Part 2 Premium Calculation **381.24**

INVOICE SUMMARY

Total Premium Calculation **381.24**
 Total Payment Amount Due **193.24**

EMPLOYEE RECONCILIATION & PAYROLL SUMMARY

Male **28**
 Female **0**
 All Employees **28**
 Reconciliation **47042.40**
 Deposit **47042.40**

PREMIUM CALCULATION

Prior Male DBL Premium **54.60**
 Prior Female DBL Premium **0**
 Prior DBL Premium Subtotal **54.60**
 Prior DBL Premium **125.00**
 Coverage **0.**
 Prior & Current DBL Premium **250.00**
 PFL Reconciliation for Prior Year **5927**
 PFL Deposit for Current Year **71.97**

Recent Projects: **ShelterPoint (Demo)**

Shelterpoint - OCR

Recent Projects: **Allied Administrators**

- ❖ OCR Utility for Delta Dental Enrollment and Claim Forms
- ❖ Support for both Handwritten and Digitally filled forms
- ❖ Ability to recognize if document has Signature or not
- ❖ Ability to pick selected Checkbox and values in both digitally and handwritten forms
- ❖ OCR Utility will be integrated with Allied backend system through APIs

Technology

- ❖ .NET Class Library
- ❖ Azure Form Recognizer
- ❖ Python
- ❖ Azure AppService



Azure Form Recognizer



Recent Projects: Allied Administrators (Sample)

Gettysburg (Delta Dental)_02.pdf

1 of 1 60%

Enrollment/ Change Form

DELTA DENTAL

Please check the applicable box or boxes.

New enrollment Address change
 COBRA Change of dependents
 Coverage change Termination
 Name change Decline coverage

Please check the applicable box or boxes.

Delta Dental PPOSM
 Delta Dental PPO plus Premier
 DeltaCare[®] U.S.A.

Please check the Delta Dental plan that administers your dental benefits.

Delta Dental of Pennsylvania
 Delta Dental Insurance Company
 Delta Dental of Delaware
 Delta Dental of West Virginia

Primary Enrollee Social Security Number 179-58-7037		Last Name Brun		First Name Edward		MI	Date of Birth 5/3/1976	Gender <input checked="" type="checkbox"/> Male <input type="checkbox"/> Female
Alternate Identification Number (if applicable)		Address (Is this a change of address?) <input type="checkbox"/> Yes <input type="checkbox"/> No		Street 241 Heatherfield Drive	City Souderton	State PA	Zip Code 18964	
Group Number 16640-01021	Sublocation		Group Name Lacher & Associates					
Dental Provider ABC				DeltaCare USA Primary Care ID No. (required for DeltaCare USA enrollees) 078452				
Change of Coverage								
New Coverage:				Former Coverage:				
Name Change								
From: _____ To: _____								
Dependent Change								
Please check one of the boxes: <input checked="" type="checkbox"/> Add dependent(s) listed below <input type="checkbox"/> Delete dependent(s) listed below								
Do you or your dependents have other dental coverage? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please complete the following:								
Carrier Name and Address: _____ Group Number: _____								
Last name (if different)	First Name	MI	Gender	Date of Birth	Social Security Number			
Spouse / Domestic Partner Brun	Theresa		<input type="checkbox"/> M <input checked="" type="checkbox"/> F	1/31/1976	194-64-8523			
Children Brun	Tessa		<input type="checkbox"/> M <input checked="" type="checkbox"/> F	2/18/2015	853-98-6155			
Brun	Mixon		<input checked="" type="checkbox"/> M <input type="checkbox"/> F	2/18/2015	168-23-6964			
Brun	Dylan		<input checked="" type="checkbox"/> M <input type="checkbox"/> F	4/6/2009	209-84-6999			
Brun	Daniel		<input checked="" type="checkbox"/> M <input type="checkbox"/> F	6/4/2007	175-84-5871			

PDF Content

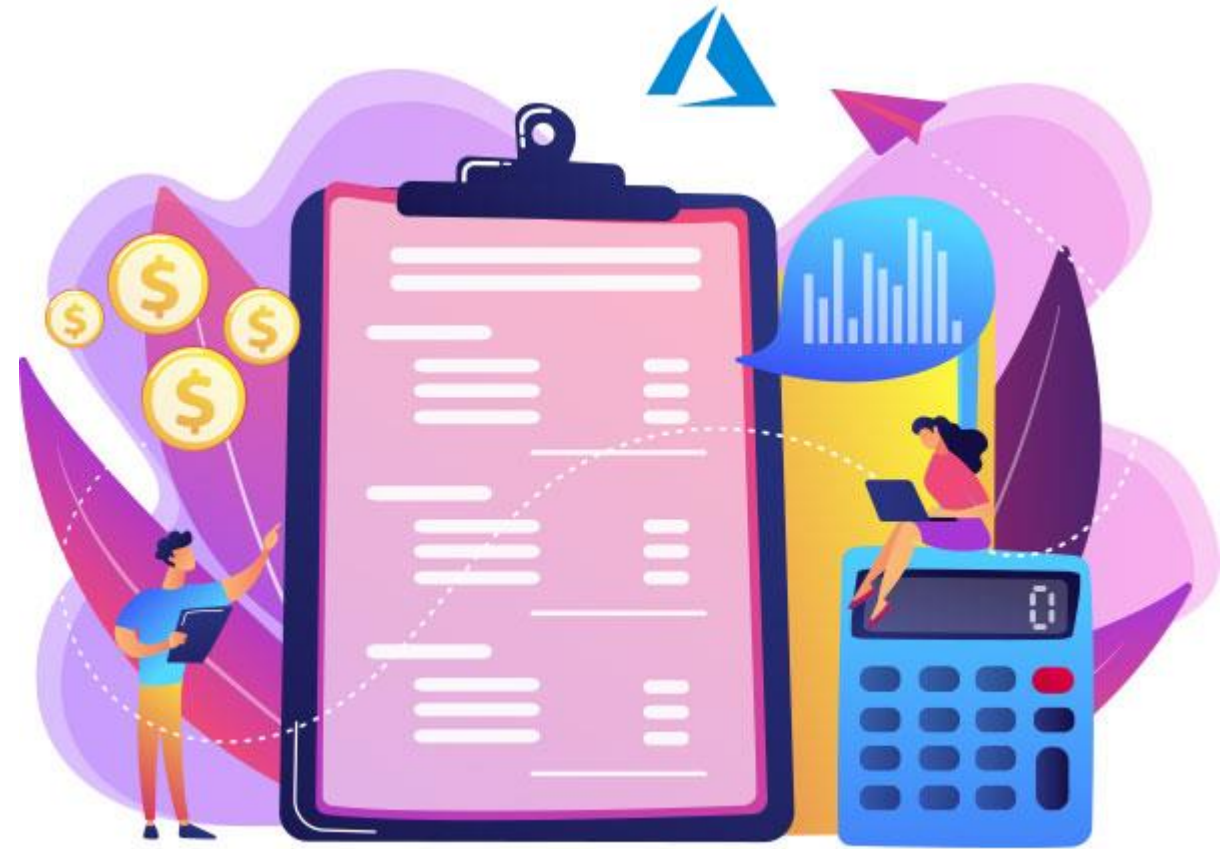
Primary Enrollee Information	
Primary Enrollee Social Security Number	179-58-7037
Last Name	Brun
First Name	Edward
MI	
Date of Birth	5/3/1976
Gender	<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female
Alternate Identification Number	
Address (Is this a change of address?)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Street	241 Heatherfield Drive
City	Souderton
State	PA
Zip Code	18964
Group Information	
Group Number	16640-01021

Recent Projects: **SCANN**

- ❖ SaaS platform for different loan providers
- ❖ Doing OCR of Bank Statements and Processing Statements
- ❖ Providing insights and detailed analysis
- ❖ Rest APIs support is available for integration
- ❖ Integration with Salesforce

Technology

- ❖ Azure cloud-based system
- ❖ Mainly using "Azure OCR Read" service
- ❖ Azure Functions and Azure API management
- ❖ Azure Blob storage



Recent Projects: SCANN (Sample)

September-2019 Bank Statement_1573754786788.pdf (Verified)

ROYAL BANK OF CANADA
P.O. BOX 4047 TERMINAL A
TORONTO ON M5W 1L5

Business Account Statement

August 30, 2019 to September 30, 2019

Account number: 02402 101-441-4

How to reach us:
Please contact your RBC Banking representative or call
1-800-Royal[®]2-0
(1-800-769-2520)
www.rbcroyalbank.com/business

Account Summary for this Period

RBC Business Essentials[®] Fixed Fee Plan 4
Royal Bank of Canada
523 GARDINERS RD, KINGSTON, ON K7M 3Y3

Opening balance on August 30, 2019	\$1,725.96
Total deposits & credits (55)	+ 16,772.74
Total cheques & debits (122)	- 18,352.06
Closing balance on September 30, 2019	= \$146.64

Account Activity Details

Date	Description	Cheques & Debits (\$)	Deposits & Credits (\$)	Balance (\$)
	Opening balance			1,725.96
03 Sep	e-Transfer sent Rebecca Burton	1,000.00		
	INTERAC e-Transfer fee	1.50		724.46
	BR TO BR - 2382		350.90	
	Misc Payment SQUARE INC SQUARE, INC.		91.28	

Bank Name: ROYAL BANK OF CANADA

Customer Name: PILLARS OF LIGHT WELLNESS CENTRE LIMITED

Account #: 02402 101-441-4

Address: 218 COLLEGE ST W BELLEVILLE ON K8P 2H2

Date	Description	Debit	Credit	Balance
09/03/19	e-Transfer sent... Transfer	1,000.00	-	-
09/03/19	INTERAC e-Tran... Transfer	1.50	-	724.46
09/03/19	BR TO BR - 2382	-	350.90	-
09/03/19	Misc Payment ...	-	91.28	-
09/03/19	EF0903 099406...	-	11.29	-
09/03/19	EF0901 099406...	-	406.72	-
09/03/19	EF0831 099406...	-	811.03	-
09/03/19	Interac purcha...	4.24	-	-
09/03/19	Interac purcha...	4.24	-	-
09/03/19	Interac purcha...	20.00	-	-
09/03/19	Interac purcha...	20.34	-	-

Recent Projects: **BREG OCR (Healthcare)**

- ❖ OCR utility for Claim processing system
- ❖ Doing OCR and making claim documents searchable
- ❖ Claim documents has handwritten data as well
- ❖ 50,000+ documents already indexed
- ❖ Processing 1,000+ documents on daily basis

Technology

- ❖ Azure cloud-based system
- ❖ Mainly using "Azure Cognitive Search" service
- ❖ Azure Functions
- ❖ Azure Blob storage



Recent Projects: **BREG OCR (Sample)**

IsRegex SOS Order Form x 🔍 ↻ RUN OCR < >

Count: 13 📄

MFG Invoice MFG INVOICE PRINT REVERSE PATIENT LETTER

mann07102016123345567.tif(4/26/2021) Page 1 < >

Page 1 of 4

+ **-** 1:1 25%

01459455 NYHQ ORTHO REHAB CTR/SOS

SOS Order Form The DMI

BREG REP 100314-000 LOT 341718115 HCPCS: E0100

PUSH BUTTON ALUMINUM CANE

Right Left Size _____

Please fill out i
(physician offic

Length of Need

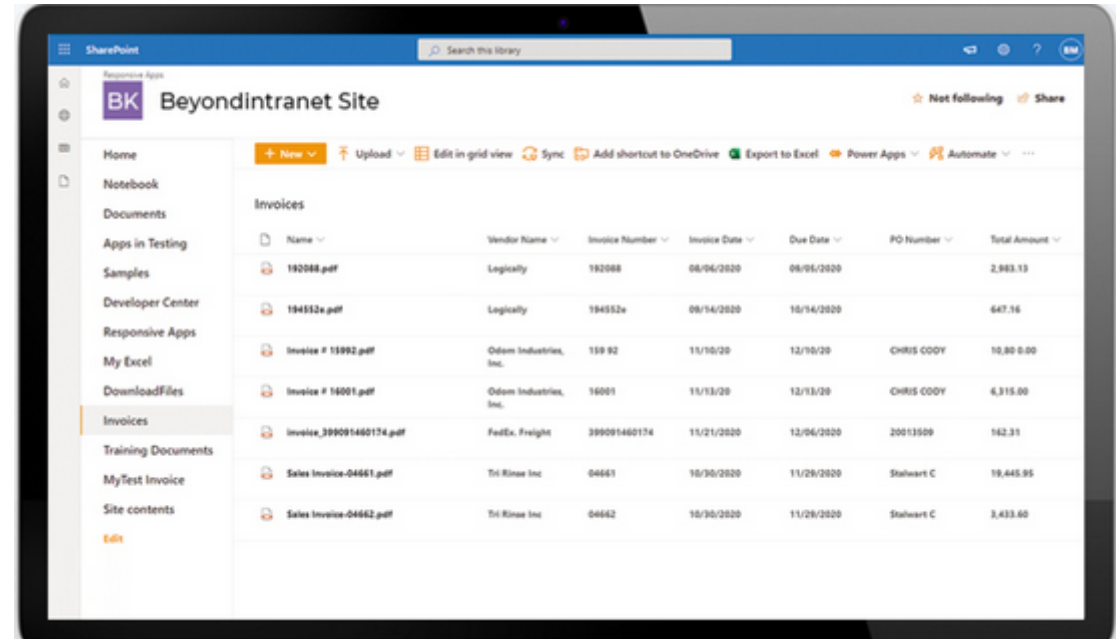
Reason for Ne

Recent Projects: **SIPCAM AGRO**

- ❖ Custom Microsoft 365 AI solution using OCR for processing Invoices
- ❖ Invoices could be automatically read from an email and then pushed to the SharePoint document library
- ❖ Using OCR data automatically captured in SharePoint document library fields
- ❖ Sipcam Agro receives multiple invoices on an everyday basis from some of their 300 vendors

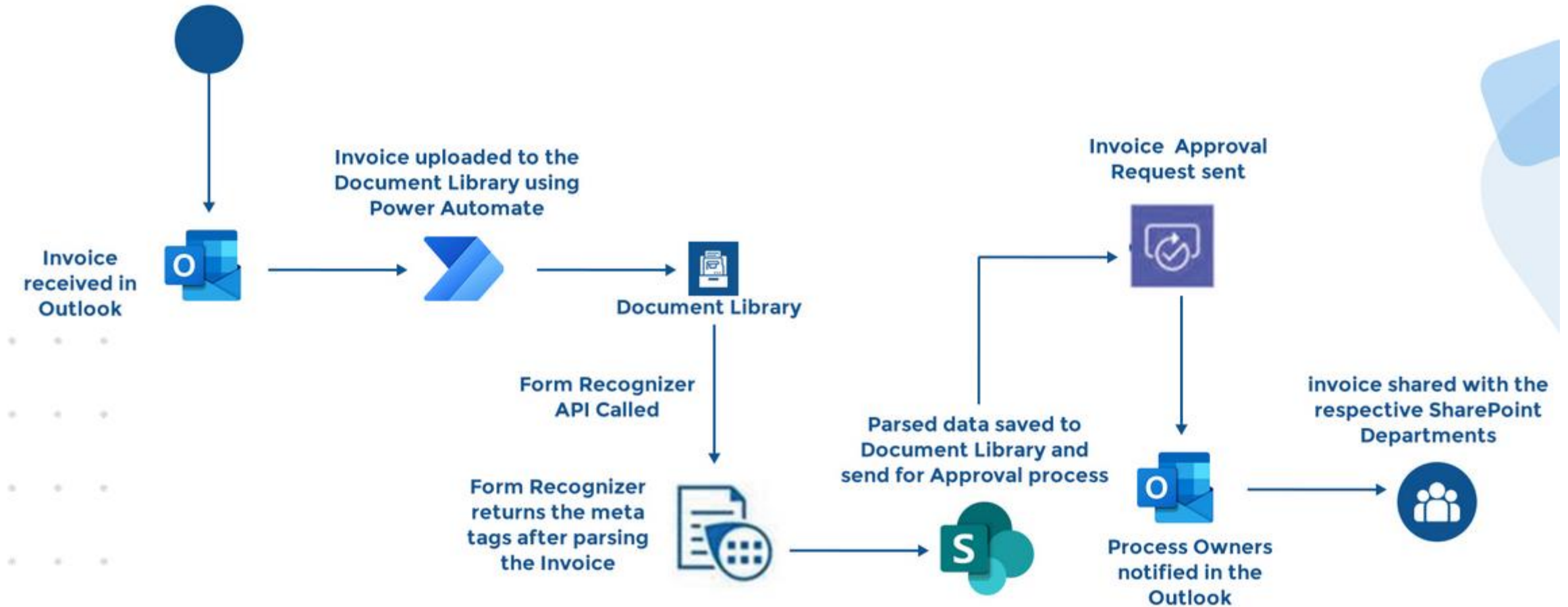
Technology

- ❖ Microsoft Power Automate
- ❖ Mainly using "Azure Form Recognizer" service
- ❖ SharePoint



Name	Vendor Name	Invoice Number	Invoice Date	Due Date	PO Number	Total Amount
192088.pdf	Logically	192088	08/06/2020	08/05/2020		2,983.13
194532x.pdf	Logically	194532x	08/14/2020	10/14/2020		647.16
Invoice # 11992.pdf	Odom Industries, Inc.	119 92	11/10/20	12/10/20	CHRIS COOY	10,80 0.00
Invoice # 16001.pdf	Odom Industries, Inc.	16001	11/13/20	12/13/20	CHRIS COOY	6,315.00
Invoice_399091460174.pdf	FedEx, Freight	399091460174	11/21/2020	12/04/2020	20013509	162.31
Sales Invoice-04661.pdf	Tri Rinee Inc	04661	10/30/2020	11/29/2020	Stewart C	19,445.95
Sales Invoice-04662.pdf	Tri Rinee Inc	04662	10/30/2020	11/29/2020	Stewart C	3,433.60

Recent Projects: **SIPCAM AGRO (Flow)**



Recent Projects: **SIPCAM AGRO (Sample)**



REMIT PAYMENT TO:
PO BOX 634558
CINCINNATI, OH 45263-4558

TOTAL QUALITY LOGISTICS (Please reference #16334207 when making payment.)

Invoice	16334207
Date	02/23/2021
Page	1 of 1

PICKUPS
GDOMIND INDUSTRIES (02/17/2021)

DROPS
FEN-LET (LINCOLN, NE) (02/20/2021)

Bill To:

SIPCAM AGRO U S A INC
2525 MERIDIAN PARKWAY
DURHAM, NC 27713

Salesperson ID	Customer ID	Trailer Type	Trailer Size	Payment Terms	
Tyanna L Carter	11900518	Reefer	53 ft	DUPLICATE	
Rate Type	Hazmat Lead	# of Pallets	# of Cases	Weight	
TL	No	0	16	41140	
Quantity	Customer PO No.	Description	Rate	UOM	Amount
1	21010054	FREIGHT	2,485.00000	Flat	\$2,485.00

Pay and manage your invoices online with our free customer web portal, TQL TRAX. Visit or Click TQL.com/TRAX to learn more.
Would you prefer to be paperless? Please email Accounting at CustomerQuestions@tql.com and we can begin invoicing you via email or fax.

WE SUPPORT THE CREDIT INDUSTRY BY REPORTING ACCOUNTS RECEIVABLE INFORMATION DUN & BRADSTREET, ANSONIA CREDIT DATA, THE BLUE BOOK, RED BOOK, COMPUJET, & EXPERIAN

Total USD \$2,485.00

THANK YOU VERY MUCH FOR YOUR BUSINESS
ANY QUESTIONS OR CHANGE IN ADDRESS. PLEASE CALL US AT (513) 831-2600
OR VISIT US AT WWW.TQL.COM

Amounts not paid within 30 days of the date of the invoice are subject to a 1.5% monthly finance charge.

Invoices

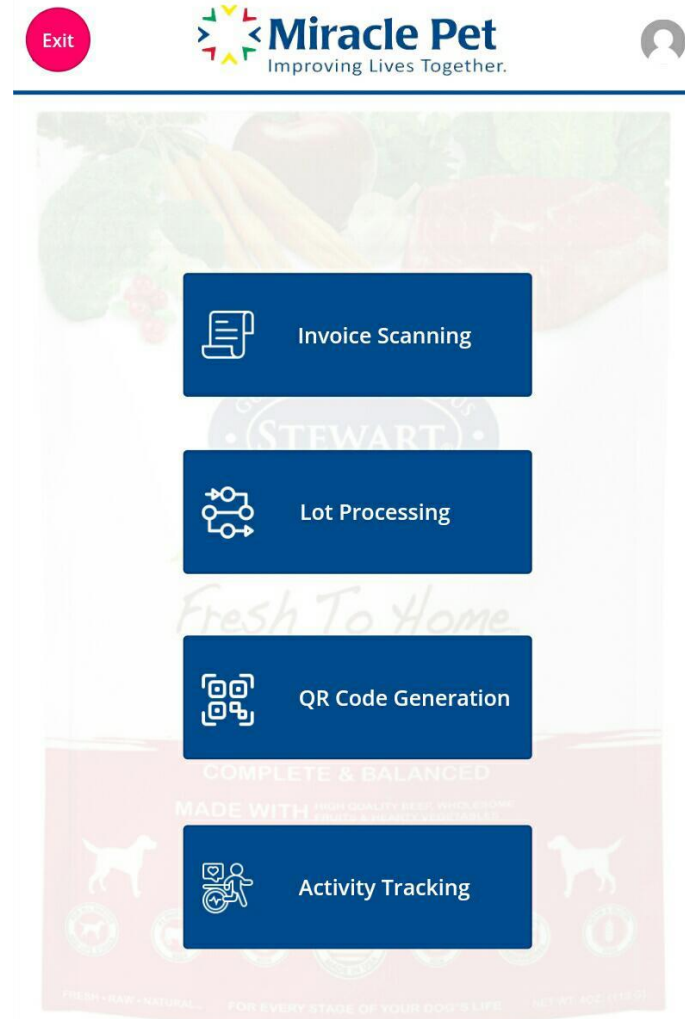
Name	Vendor Name	Invoice Number	Invoice Date	Due Date	PO Number	Total Amount	Amount	Status	Accuracy
62009251_20210311T110935.pdf	TMC Transportation	62009251	3/11/2021		.01/72 2021	7,100.00	\$7,100.00	Parse Completed	84
Sales_Order_1154893_20210311T071746.pdf	KaMin LLC	535016	09-MAR-21	08-APR-21	21070132	15,405.60	\$15,405.60	Parse Completed	100
0062531_20210311T052320.pdf	Farmers Grain Express, Inc.	0062519	3/10/21	01/27/021	90100236-90206186	2,803.00	\$2,803.00	Parse Completed	100
0062552_20210311T052319.pdf	Farmers Grain Express, Inc.	0062552	3/10/21	3/08/21	69925	2,305.00	\$2,305.00	Parse Completed	100
0062519_20210311T052317.pdf	Farmers Grain Express, Inc.	0062519	3/10/21	3/03/21	90100236-90206186	2,803.00	\$2,803.00	Parse Completed	100
I18083 PW Posted Invoice_20210311T050853.pdf	Outsource Logistics LLC	118083	3/8/2021	4/7/2021		33.0033.00	\$0.00	Parse Completed	84
Invoice_SLI-41528020_20210310T200913.pdf	GREIF	SLI-41528020	03-10-2021	04-09-2021	21000018 -7 03-10-2021	9919.689919.68	\$0.00	Parse Completed	100
62009227_20210310T110451.pdf	TMC Transportation	62009227	3/10/2021		62009227	6,700.00	\$6,700.00	Parse Completed	84
Sales_Order_1154893_20210310T071645.pdf	KaMin LLC	534974	08-MAR-21	07-APR-21	21070130	15,405.60	\$15,405.60	Parse Completed	100
0062422_20210310T051319.pdf	Farmers Grain Express, Inc.	0062422	3/09/21	3/01/21	133401	2,080.00	\$2,080.00	Parse Completed	100
0062423_20210310T051318.pdf	Farmers Grain Express, Inc.	0062423	3/09/21	04/7/2021	133368	2,200.00	\$2,200.00	Parse Completed	100

Recent Projects: **Miracle Pet**

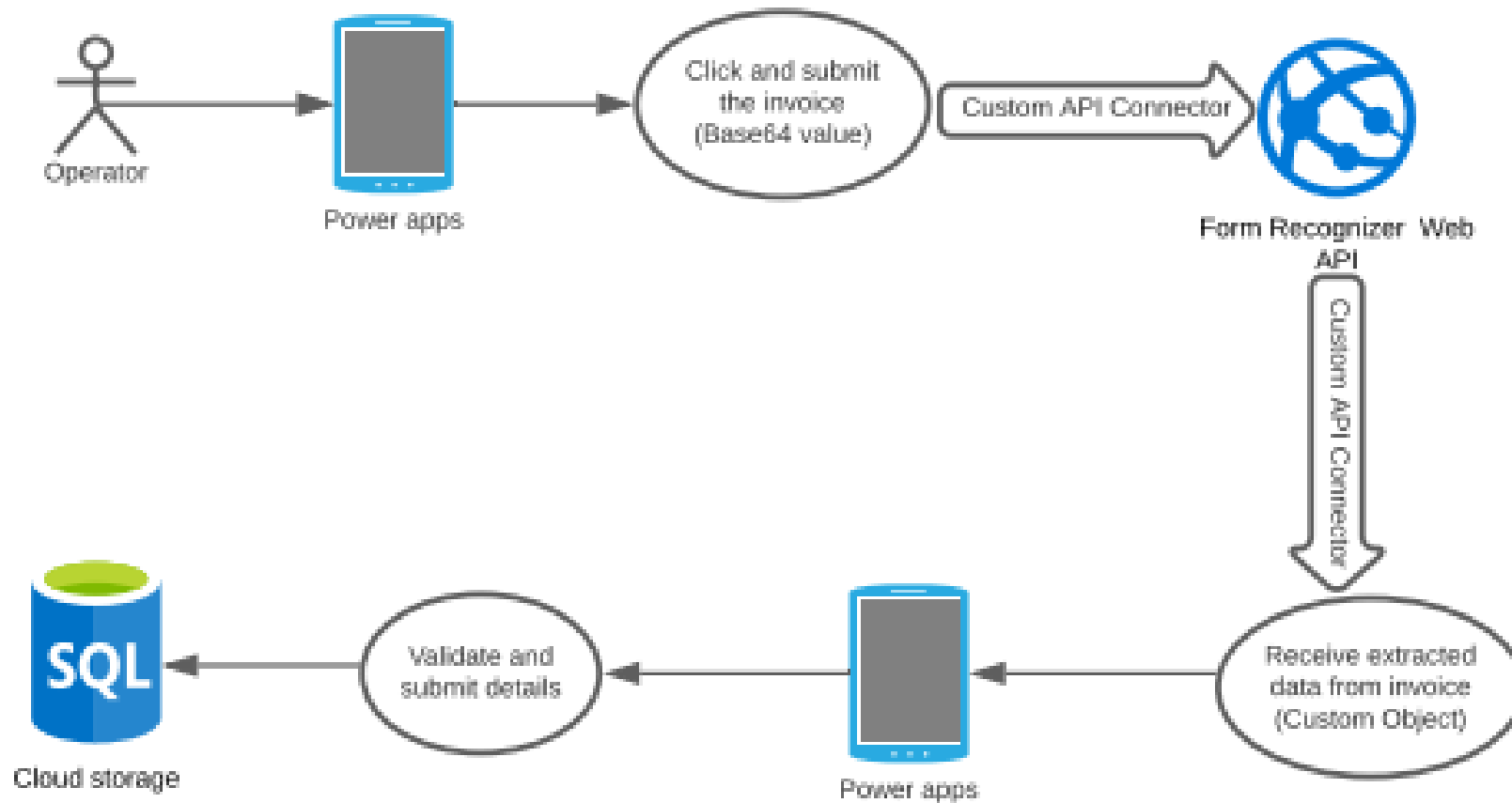
- ❖ Custom Microsoft 365 AI based Lot Tracking Application
- ❖ Complete process automation which includes OCR
- ❖ System is scanning Invoices and doing OCR
- ❖ Data extracted through OCR is saved in Database
- ❖ Based on extracted data System generates printable QR code, which can be used for further tracking

Technology

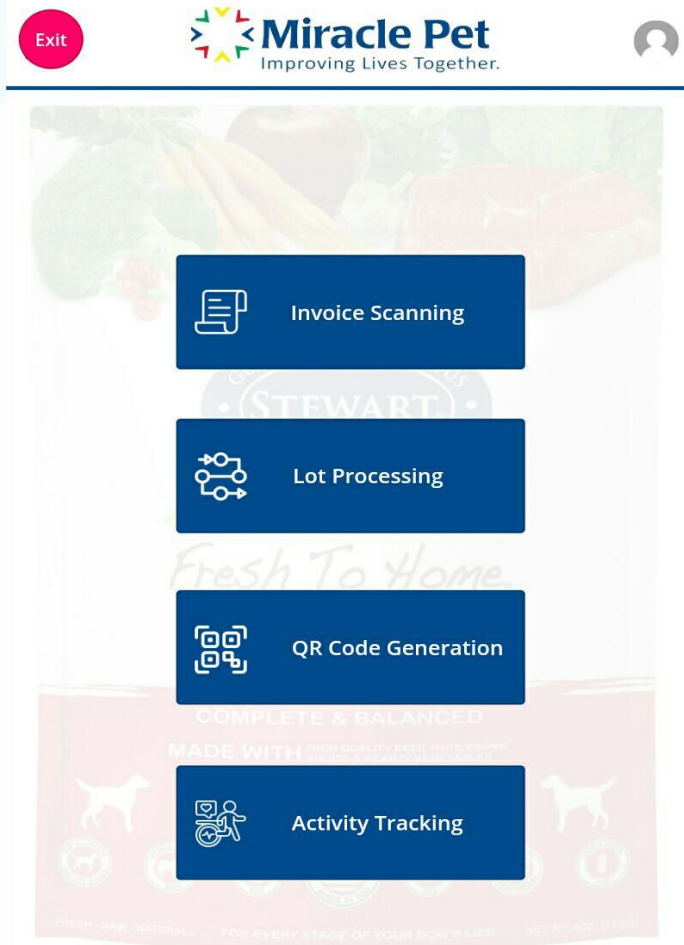
- ❖ Microsoft Power Automate
- ❖ Mainly using "Azure Form Recognizer" service
- ❖ SharePoint



Recent Projects: **Miracle Pet (Flow)**



Recent Projects: **Miracle Pet (Screen shots)**



Miracle Pet
Improving Lives Together.

Vendor Name * 8335-Biscayne Foods, Inc. - NOR-AM **Invoice No. *** 0184516

Invoice Date * 01/20/2021 **Purchase Order** 13003 **Lading Number** Enter Lading Number

Vendor Address * Schuyler, NE 65861 **Ship To** Biscayne Foods Inc

Total Invoice Items-2 [+ Add Item](#)

Item Name 100509-FROZEN BEEF LIVER PRODUCT USA

Extracted Item Name 500

Gross Weight	Net Weight	Quantity	Unit
42220.90	42220.90	691	LB

Item Name 100509-FROZEN BEEF LIVER PRODUCT USA

Extracted Item Name

Gross Weight	Net Weight	Quantity	Unit

[← Back](#) [Save](#)

Miracle Pet
Improving Lives Together.

No. of Print	Printer Name
1	Printer-Packaging

[← Back](#) [Print](#)

PRODUCT #: 400302
BAC POP ITS BAC, EGG CHEES 5.8

DATE: 02/23/2021 01:15 PM

LOT #: 1054

TRACKING #: PKGbs022321131520552

STATUS: Packaging

Exp Date: 03/31/2021 DOM: 02/23/2021
Quantity: 1212
MiracleCorp Products 2425 W Dorothy Lane Dayton OH 45439

Recent Projects: **MMC Receipt**

- ❖ OCR utility in this system does OCR of Receipts
- ❖ Extracting different values for further processing
- ❖ Rest APIs support is available for integration

Technology

- ❖ Azure cloud-based system
- ❖ Mainly using "Azure Form Recognizer" service
- ❖ Azure Functions
- ❖ Azure Blob storage

MMC receipt Home Features Pricing FAQ Contact Us Blog Reseller Program Integrations Request Call back Log In

User swear by MMC Receipt's Accuracy


Receipt Data Extraction that blends OCR, machine learning with human checks leaving no room for errors.

Free 30 days Trial | Get all features in trial version | Register without credit card

Email: [Sign Up](#)

Integrations: FreshBooks, ZARMONEY, intuit quickbooks

Recent Projects: **MMC Receipt (Sample)**



Paul Adams
XYZ | Owner

Connected with: **Welcar**
FreshBooks

- View/Upload Receipts
- Integrations
- Change Company
- Member List
- Invite Your Accountant
- Pending Invitation
- Email In
- Profile Settings
- FAQ
- Review
- Buy Now
- View Subscription
- Download Receipts

Logout

FREE TRIAL 262 days left Buy Now

Chinese Plate

Food Business Center
23232, JAVA CITY, SELANGOR
NY, USA
TEL : 03-435435435

Table - 06

Check #: 622967 Pax(s): 04
Date : 11/01/2020 18:34
Cashier: David Smith

4	Chinese Buffet	51.96
4	Soda	7.96
4	Desserts	15.56
Subtotal :		75.48
Food Tax		2.90
Local Tax		1.28
Total :		79.66

Take home a bag of meatballs and 2 pkgs. of cream sauce for only \$9.99
Made from an authentic recipe!

Phone #
03-435435435

Currency
INR

Mark as billable
No

Line Item

Item Name: Select category:

Qty: Tax Percentage: Total Price: +

Item Name	Category	Qty	Tax Percentage	Tax Amount	Total
Chinese Buffet	Uncategorized	1	1.7	0.88	
Soda	Uncategorized	1	1.7	0.14	
Desserts	Uncategorized	1	1.7	0.26	

Tax Inclusive

Sub total	Tax Amount	Total Amount
₹ 75.48	₹ 1.28	₹ 76.76

Push as Expense
Push as Bill
Update

Recent Projects: **Tax Form Processing**

- ❖ System is under development
- ❖ Doing OCR of "**US Individual Tax Return Forms**" (Form 1040 or 1040-SR)
- ❖ Extracting different values for further processing
- ❖ Rest APIs support is available for integration

Technology

- ❖ AWS cloud-based system
- ❖ Mainly using "Amazon Textract" service
- ❖ AWS Lambda and AWS API Gateway
- ❖ Amazon S3



Recent Projects: Tax Form Processing (Sample)

Copy Clear
Omit & Hide

Rental Income "From Schedule E"

Property: 2003 Blackford Street, Chattanooga, TN 37204

	2019	2018
1. Net Rental Income/(Loss): Line 21	\$ (22,582.00)	
2. Depreciation: Line 18	\$ 2,997.00	
3. Amortization/Casualty Loss: Only if listed for this property*		
4. Insurance: Line 9** (Add back even if not escrowing)	\$ 1,014.00	
5. Property Taxes: Line 16** (Add back even if not escrowing)	\$ 1,107.00	
6. Mortgage Interest: Line 12	\$ 2,564.00	
7. HOA Dues: If claimed for this property on the schedule E**		
8. Misc:		
9. Total Adjusted Net Rental Income/(Loss)	\$ (14,900.00)	\$ -

Exclude 2018 from Total Adjusted Net Rental Income Below

10. Total Adjusted Net Rental Income/(Loss) \$ (14,900.00)

11. Number of months reviewed:*** 12

Date to Date calculator (MM/DD/YY)				
2018 Start:	2018 End:	2019 Start:	2019 End:	# Months:
				12.00

12. Gross Adjusted Monthly Rental Income/(Loss) \$ (1,241.67)

13. Minus current mortgage payment (from credit or mtg stmt)****

()	Impounded	<input type="checkbox"/>
()		<input type="checkbox"/>
()		<input type="checkbox"/>
()		<input type="checkbox"/>
()		<input type="checkbox"/>
()		<input type="checkbox"/>

14. Total Monthly Rental Income/(Loss) for this property \$ (1,241.67)

Omit (explain/justify)

Schedule C (see instructions). If you are an individual, report farm rental income or loss from **Form 4835** on page 2, line 40.

A Did you make any payments in 2019 that would require you to file Form(s) 1099? (see instructions) Yes No

B If "Yes," did you or will you file required Forms 1099? Yes No

1a Physical address of each property (street, city, state, ZIP code)

A 2003 BLACKFORD STREET, CHATTANOOGA, TN 37204

B 2009 BLACKFORD STREET, CHATTANOOGA, TN 37404

C 2204 ROBBINS STREET, CHATTANOOGA, TN 37404

1b	Type of Property (from list below)	2	Fair Rental Days	Personal Use Days	QJV
A	1	For each rental real estate property listed above, report the number of fair rental and personal use days. Check the QJV box only if you meet the requirements to file as a qualified joint venture. See instructions.	A 365		<input type="checkbox"/>
B	1		B 365		<input type="checkbox"/>
C	1		C 365		<input type="checkbox"/>

Type of Property:

Income:	Properties:	A	B	C
3 Rents received	3	11,933.	10,376.	7,023.
4 Royalties received	4			
Expenses:				
5 Advertising	5			25.
6 Auto and travel (see instructions)	6			
7 Cleaning and maintenance	7	466.	466.	233.
8 Commissions	8	1,450.	1,275.	1,000.
9 Insurance	9	1,014.	926.	826.
10 Legal and other professional fees	10			
11 Management fees	11	1,200.	1,200.	600.
12 Mortgage interest paid to banks, etc. (see instructions)	12	2,564.	3,875.	2,532.
13 Other interest	13			
14 Repairs	14	19,204.	24,570.	22,955.
15 Supplies	15	3,356.	3,356.	1,678.
16 Taxes	16	1,107.	1,107.	489.
17 Utilities	17	315.	62.	31.
18 Depreciation expense or depletion	18	2,997.	2,670.	1,677.
19 Other (list) ▶ STMT 8 STMT 9 STMT 10	19	842.	842.	421.
20 Total expenses. Add lines 5 through 19	20	34,515.	40,349.	32,467.
21 Subtract line 20 from line 3 (rents) and/or 4 (royalties). If result is a (loss), see instructions to find out if you must file Form 6198	21	-22,582.	-29,973.	-25,444.
22 Deductible rental real estate loss after limitation, if any, on Form 8582 (see instructions)	22	2,837.	2,638.	2,421.

23a Total of all amounts reported on line 3 for all rental properties

23b Total of all amounts reported on line 4 for all royalty properties

23c Total of all amounts reported on line 12 for all properties

Technology Stack: **Azure & AWS**



Azure Cognitive Search



OCR Read API


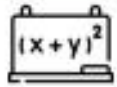








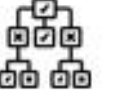





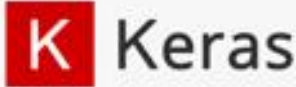
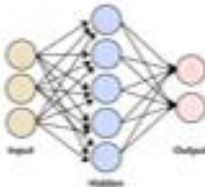
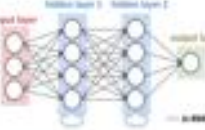






Azure Form Recognizer



Amazon Textract

Technology Stack: **Open-Source**

Programming Languages	Applied Math and Algorithms	Machine Learning Algorithms	Libraries and Frameworks	Neural Network Architectures	Data Visualization	Object Detection
	 <p>Linear Algebra</p>  <p>Calculus</p>  <p>Statistics</p>  <p>probability</p>	 <p>Linear regression</p>  <p>Logistic regression</p>  <p>Support Vector Machine</p>  <p>KNN</p> $P(A B) = \frac{P(B A) P(A)}{P(B)}$ <p>Naive Bayes</p>  <p>Deep Neural Networks</p>  <p>Decision Tree</p>	 <p>scikit-learn machine learning in Python</p>  <p>OpenCV</p>  <p>NumPy</p>  <p>pandas</p>  <p>TensorFlow</p>  <p>Keras</p>	 <p>ANN</p>  <p>RNN</p>	 <p>matplotlib</p>  <p>seaborn</p>	 <p>TensorFlow</p>  <p>Object Detection API</p>



Thank you