



Gaining Efficiencies Through Technology

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Carol Dufek - South Milwaukee



Gaining Efficiencies Through Technology

Learning Objectives

- AI: Inside and outside of buildings. Robotics and how they are changing the way we look at performing tasks
- Staffing: Using software to track data on cleaning the classrooms
- Workflow: How to use technology to increase productivity and workflow
- Apps: There is an app for that! The use of mobile applications and how they can help with efficiency



AI: Inside and Outside the Building



AI - The use of Robotic Equipment



AI - The use of Robotic Equipment




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AI - The use of Robotic Equipment





Staffing: Using software to
track data and create
efficiencies for cleaning
classrooms



Staffing Efficiencies



Activities at M022 Classroom MS

Type	Cleaner	Work Started	Work Finished	Status
➤ Room Detail Cleaning	Dawn Dovi	Jan 23, 2024 4:01:35 PM	Jan 23, 2024 4:27:06 PM	Finished Complete
➤ Room Detail Cleaning	Dawn Dovi	Jan 19, 2024 3:45:22 PM	Jan 19, 2024 4:11:35 PM	Finished Complete
➤ Room Detail Cleaning	Dawn Dovi	Jan 17, 2024 4:41:34 PM	Jan 17, 2024 5:03:22 PM	Finished Complete
➤ Room Detail Cleaning	Dawn Dovi	Jan 15, 2024 3:27:53 PM	Jan 15, 2024 4:04:58 PM	Finished Complete
➤ Room Detail Cleaning	Dawn Dovi	Jan 10, 2024 3:59:15 PM	Jan 10, 2024 4:28:16 PM	Finished Complete
➤ Room Detail Cleaning	Dawn Dovi	Jan 4, 2024 4:12:41 PM	Jan 4, 2024 4:39:53 PM	Finished Complete

Time per Task

Date: 25 Jan 2024

Time: 16:02:37



Active filters

Run as: *Carol Dufek*
From: *1 Oct 2023*
To: *30 Oct 2023*
Task Type: *Room Detail Cleaning*
Membership Type: *Associate*

Task Type	Associate	Total Completed Tasks	Average Time	Estimated Duration per Task
Room Detail Cleaning	Josselyn Morales	326	12 min 59 sec	
Room Detail Cleaning	Felicia Brigantti	33	34 min 26 sec	
Room Detail Cleaning	Kim Osowski	91	12 min 23 sec	
Room Detail Cleaning	Mark Timm	161	10 min 56 sec	
Room Detail Cleaning	Amelia Garcia	140	18 min 50 sec	
Room Detail Cleaning	Oscar Sanchez	156	21 min 37 sec	
Room Detail Cleaning	Ben Osterbrink	228	15 min 13 sec	
Room Detail Cleaning	Dawn Dovi	135	16 min 47 sec	
Room Detail Cleaning	LeeRoy Jones	33	24 min 6 sec	
Room Detail Cleaning	Andy Ratka	44	4 min 13 sec	
Room Detail Cleaning	Carlos Rodriguez	106	6 min 1 sec	
Room Detail Cleaning - Overall Data	Overall Average	1453	14 min 53 sec	20 min 0 sec

Time per Task

Date: 25 Jan 2024

Time: 16:05:15




Active filters


Run as: Carol Dufek
From: 1 Oct 2023
To: 30 Oct 2023
Task Type: Bathroom Detail Cleaning
Membership Type: Associate

Task Type	Associate	Total Completed Tasks	Average Time	Estimated Duration per Task
Bathroom Detail Cleaning	Marie Hendrychowski	60	10 min 13 sec	
Bathroom Detail Cleaning	Ben Osterbrink	61	19 min 51 sec	
Bathroom Detail Cleaning	Felicia Brigantti	30	10 min 49 sec	
Bathroom Detail Cleaning	LeeRoy Jones	38	27 min 25 sec	
Bathroom Detail Cleaning	Mark Timm	22	11 min 10 sec	
Bathroom Detail Cleaning	Amelia Garcia	30	9 min 51 sec	
Bathroom Detail Cleaning	Dawn Dovi	26	9 min 55 sec	
Bathroom Detail Cleaning	Josselyn Morales	57	9 min 54 sec	
Bathroom Detail Cleaning	Andy Ratka	172	11 min 27 sec	
Bathroom Detail Cleaning	Carlos Rodriguez	156	3 min 12 sec	
Bathroom Detail Cleaning	Oscar Sanchez	4	11 min 8 sec	
Bathroom Detail Cleaning	Kim Osowski	3	9 min 52 sec	
Bathroom Detail Cleaning - Overall Data	Overall Average	659	10 min 46 sec	20 min 0 sec

Room QA	Tom Maasch	15	2 min 32 sec	
Room QA	Travis Larson	4	1 min 45 sec	
Room QA	Tom Anderson	12	2 min 55 sec	
Room QA	Rob Steiner	28	1 min 31 sec	
Room QA	Carol Dufek	6	1 min 15 sec	
Room QA	Rick Fischer	4	40 min 55 sec	
Room QA	Dawn Dovi	1	18 min 56 sec	
Room QA	Jason Schick	145	0 min 44 sec	
Room QA	Ben Opala	16	3 min 44 sec	
Room QA	Aimee Reed	6	1 min 23 sec	
Room QA	LeeRoy Jones	2	1 min 2 sec	
Room QA	Andy Ratka	2	6 min 56 sec	
Room QA	Michelle Enoch	17	2 min 34 sec	
Room QA	Michelle Conner	1	4 min 28 sec	
Room QA - Overall Data	Overall Average	259	2 min 7 sec	0 min 0 sec



Workflow: How to use
technology to increase
productivity and workflow



Create New Task for Oscar Sanchez

Type

Message

Site

X

Priority

Normal

Task Name

New Task or Message

Task Description



gantter™

Project Tracker Master Template

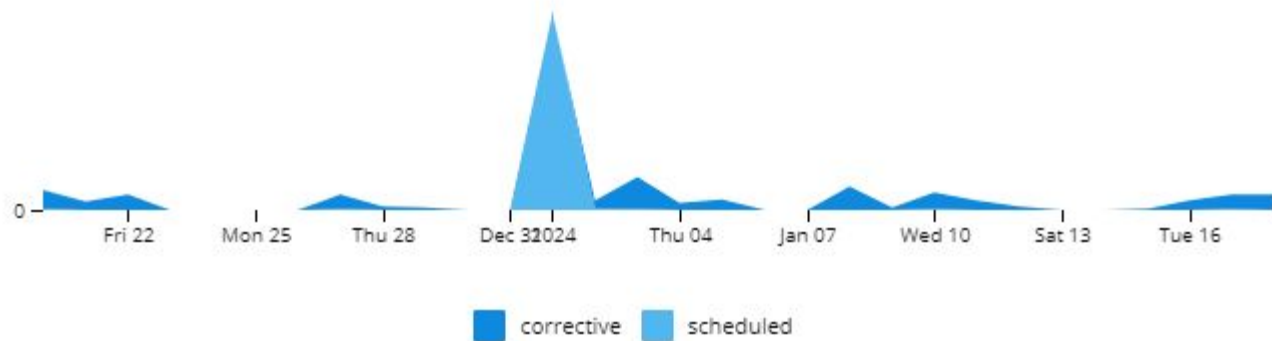
Project Edit View Actions Baselines Community Help Autosave to Google Drive: ON

		Name	Duration	Start	Finish
1		ADMINISTRATION	17days	10/19/2023	11/10/2023
2		Develop RFP for Project	7days	10/24/2023	11/01/2023
3		Send Out RFP to applicable companies	2days	10/24/2023	10/25/2023
4		Vendor Project Review Walk-Through	1day	10/24/2023	10/24/2023
5		Receive Sealed Bids	14days	10/24/2023	11/10/2023
6		Public Bid Opening	1day	10/24/2023	10/24/2023
7		Board Approval	14days	10/19/2023	11/07/2023
8		Notice of award and contracts received	1day	10/24/2023	10/24/2023
9		Project manager OK's contract (If applicable)	5days	10/24/2023	10/30/2023
10		Business Manager signs contract (If applicable)	1day	10/24/2023	10/24/2023
11		Mail contracts (if applicable)	1day	10/24/2023	10/24/2023
12		RRP's / Bids	1day	10/24/2023	10/24/2023
13		#1	1day	10/24/2023	10/24/2023
14		#2	1day	10/24/2023	10/24/2023
15		#3	1day	10/24/2023	10/24/2023
16		#4	1day	10/24/2023	10/24/2023
17		PROJECT TIMELINE	1day	10/19/2023	10/19/2023
18		Start of Project	1day	10/19/2023	10/19/2023
19			1day	10/19/2023	10/19/2023
20		Project Mid-Way Meeting	1day	10/19/2023	10/19/2023
21			1day	10/19/2023	10/19/2023

Work Orders Completed by Operations Staff

Middle School	Total Work Orders			High School
900	4,396			1,438
Blakewood	E. W. Luther	Lakeview	Rawson	Other
503	413	487	337	318

Created



Completed

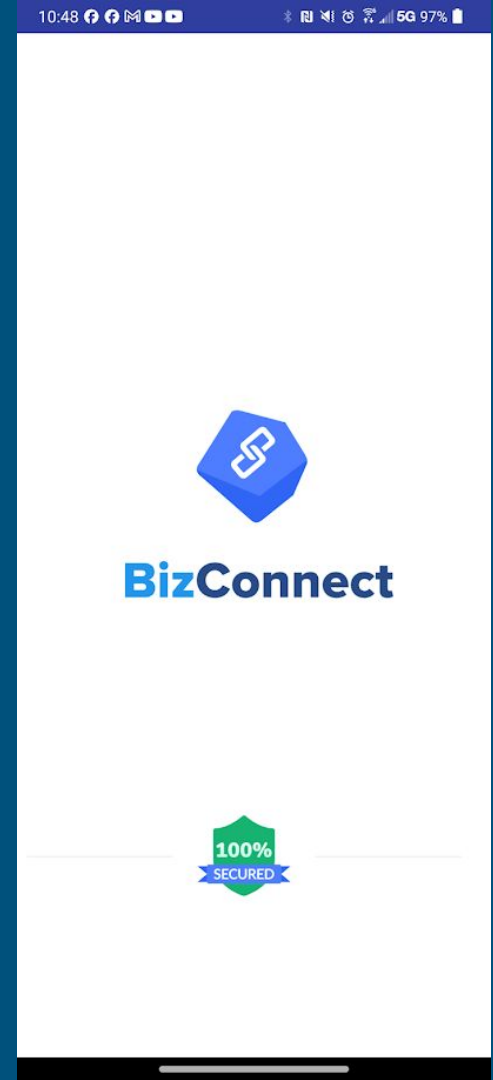


Apps for consideration

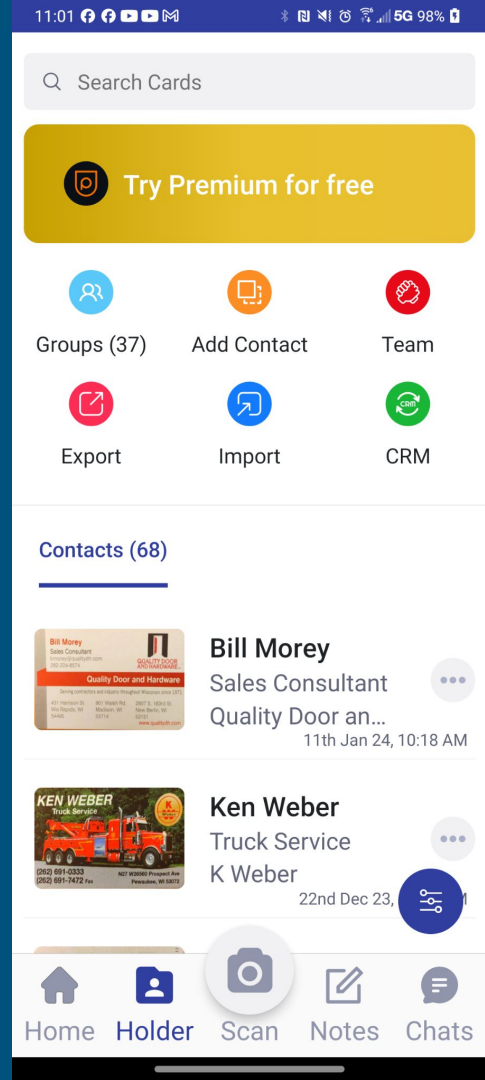
- BizConnect
- Work Order App
- Skyward
- Simple Scanner
- Sound Meter
- Lux

BizConnect

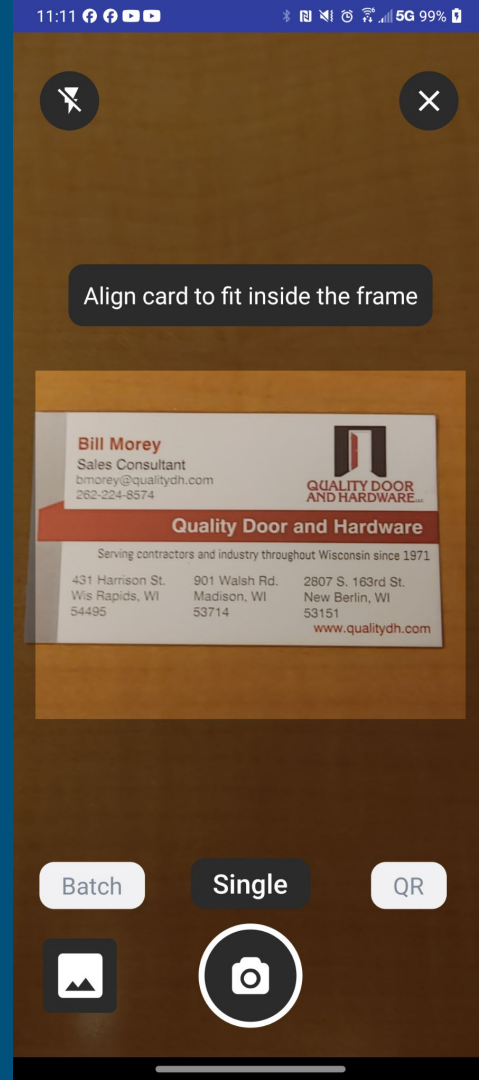
- Using BizConnect to organize vendors



How the app works



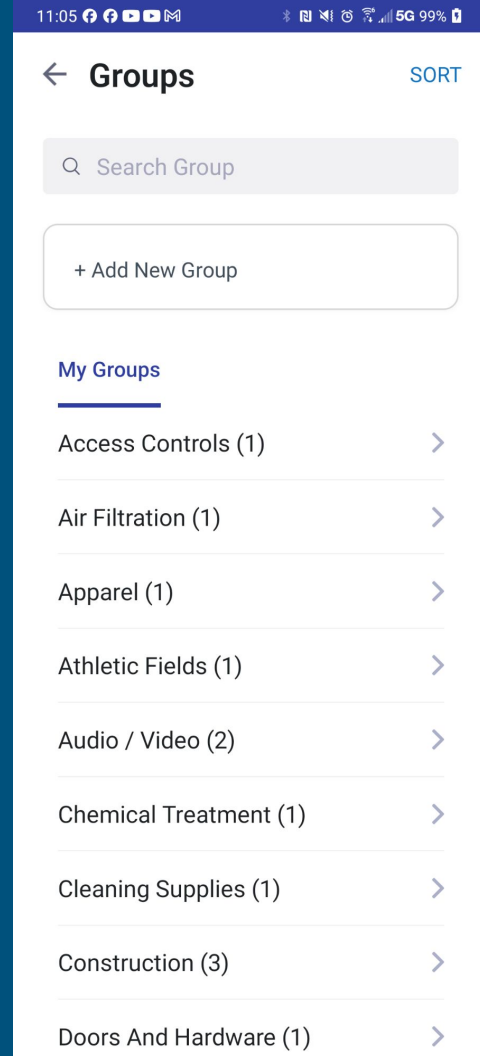
How the app works



How the app works



How the app works



How the app works

← Pool Services MANAGE

🔍 Search Cards

+ Add Cards



Steve Branz

Servic...
Valley Aquati...

22nd Dec 23, 11:50 AM



Mark Othmer

Seni...
neuman pool...

22nd Dec 23, 11:42 AM



Matt Carrico

Gener...
CARRIC...

21st Dec 23, 11:20 AM



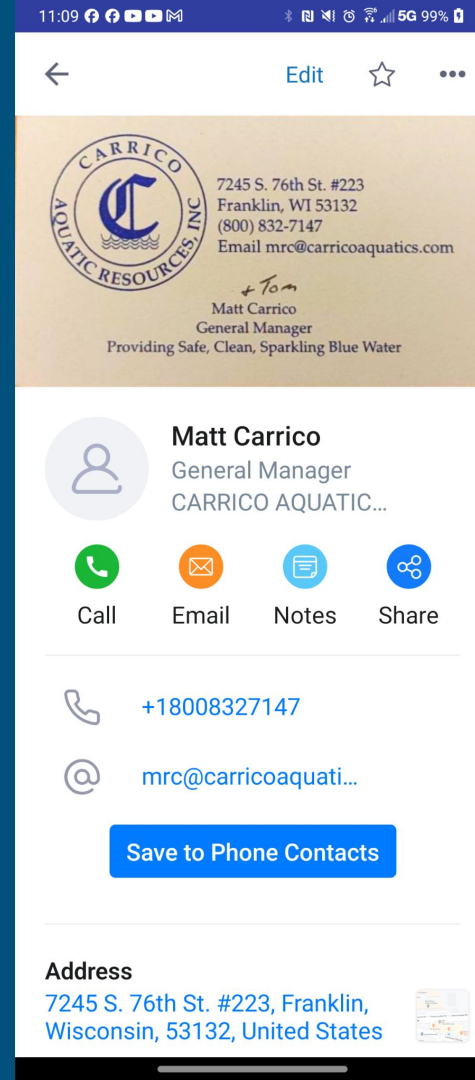
Mark Othmer

Technical...
Neuman Pool...

15th Dec 23, 10:...



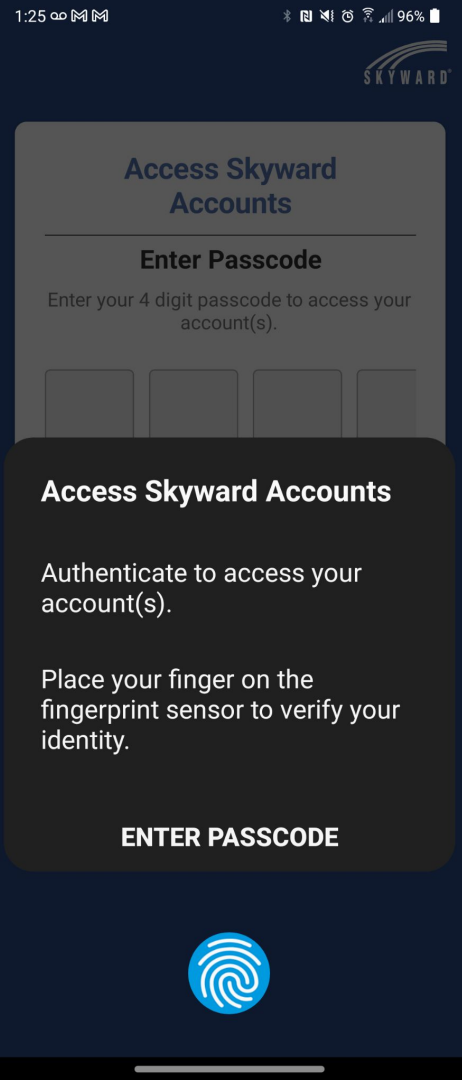
How the app works



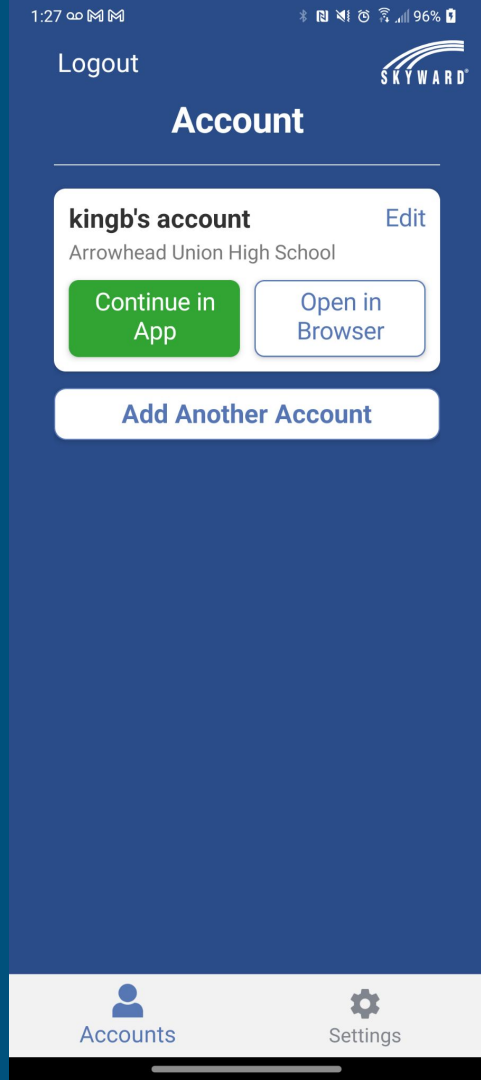
Work Order App

- Whatever software you use, get the app for the mobile device
- This can help maximize your efficiency and notifications

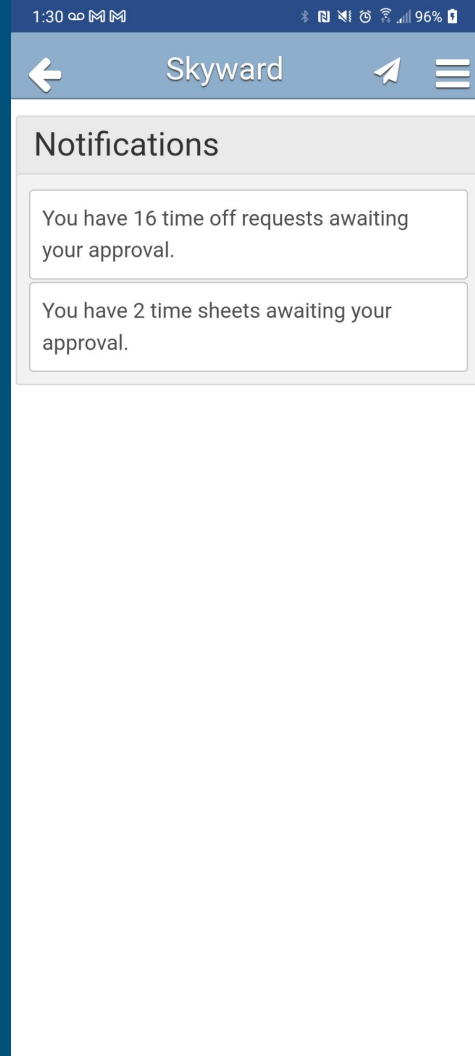
Skyward



Skyward



Skyward










Simple Scanner



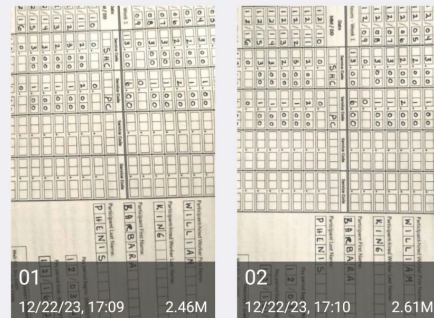
Simple Scanner
— PDF Doc Scan —



Simple Scanner

1:34     96%

← New Document   

5.07M



  Ad

Start Activation Now

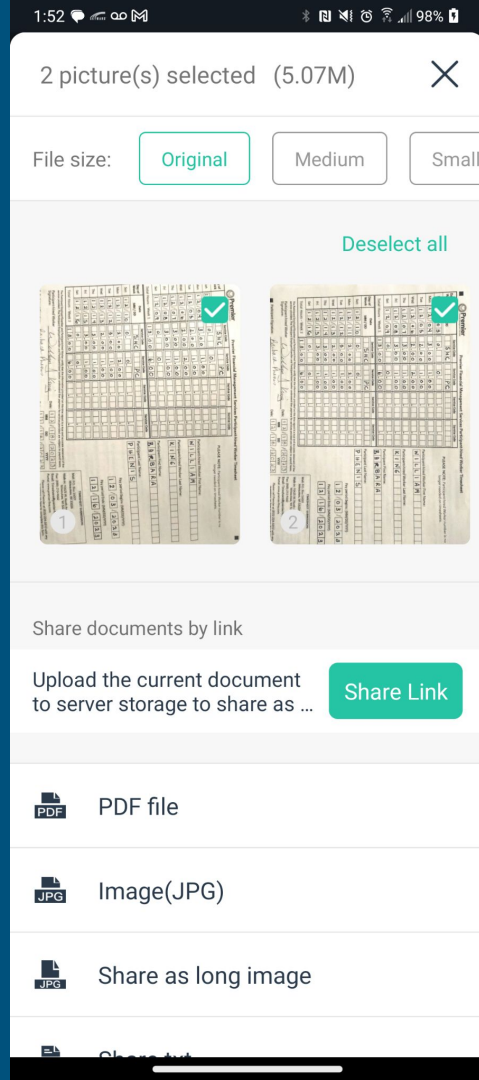


2 simple steps: 

- Click on 'Continue'
- Create your account

TotalContent.net

Simple Scanner



Sound Meter / Light Meter

- These apps are very accurate.
- They can save time and money



Questions?
