

Barcoding

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The CPAP Box

June 5, 2025

Outline

- 1 Major Actions
- 2 Changes of Scope
- 3 Measures
- 4 Road Blocks
- 5 Are we on time?

Actions Taken

- Deployed the website to Render: <https://frontend-e2jk.onrender.com/>
- Added more Quality Control features
 - ▶ Updated the flaw-no flaw dropdown with a specific checklist item for each flaw
 - ▶ Added the cursor auto focus on the relevant input field depending on the workflow
- Fixed the pricing bug and had it so that a broken CPAP machine is half off while broken supplies are zero dollars
- Added Auto Clear functionality after UPCs are added

Things to work on

- Format the notes better so that they are easier to read
- Testing
- Uploading images to Pipedrive via their API
- Adding the Serial Number matching functionality

Tools Used

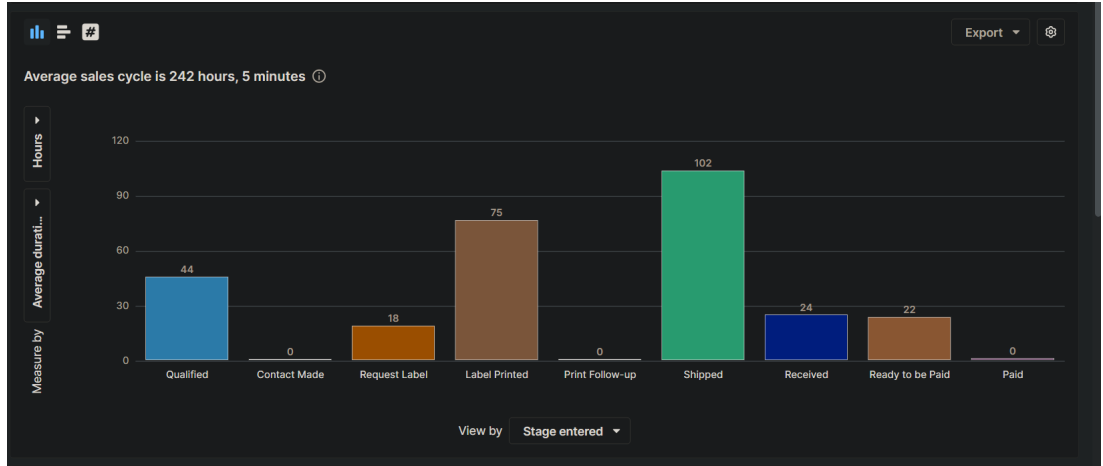
- Barcode Scanner
- Pipedrive API
- UPCTDatabase API
- Render
- Redis
- ReactJS
- ExpressJS

Changes of Scope

- The scope of the project has changed because I need to add the serial number tracking capability to the project and potentially connect it to assetpanda

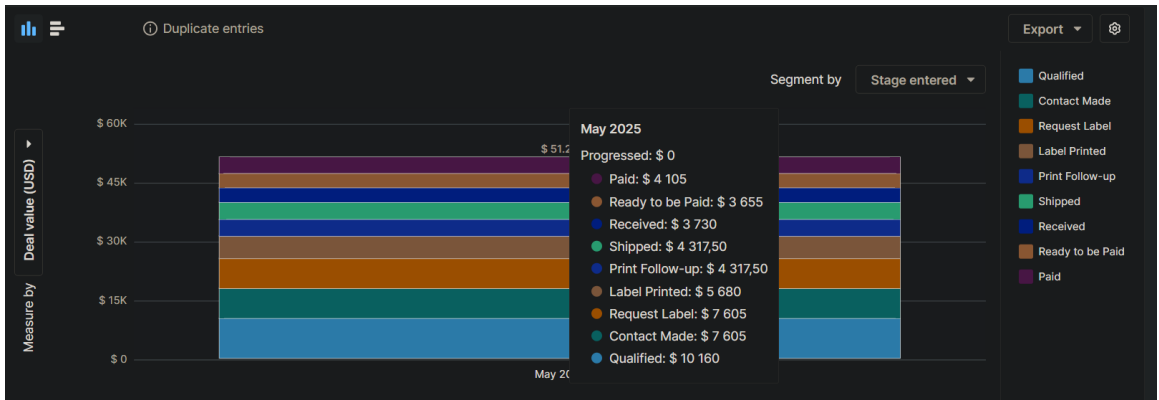
Measures

- Percent of SKUs that have UPCs
- Sales Cycle Time: This year, we've taken 24 hours on average between received and Ready to be paid, which in the future could be reduced to under 8 hours (within one workday)



Measures

- Number of SKUs that have been added to the system
- Number of SKUs that have been sold
- Number of SKUs that have been scanned
- Number of SKUs that have been matched to a Pipedrive deal
- Number of SKUs that have been matched to a Pipedrive deal and have an image uploaded



Road Blocks

- Writing to a new Spreadsheet with each scan of a CPAP machine
- Connecting the Images to Pipedrive
 - ▶ There may be problems with holding the images in my website because it would go over the data limits, so I'd either have to find a workaround or ditch the idea depending on how much space they are taking

Road Blocks

Barcode to Pipedrive

Tracking Number:

9202290182632207021471

Scan Tracking

UPC:

9420012425898

Quality Control:

Quality Control Flaw

Scan UPC

Manual Reference Number:

400451

Submit Manual Reference

Start New Tracking Number

SKU not found, note added.

Spreadsheet Match: No

Total Price: \$0.00

Excel File Viewer

Select file:

Overstock supplies other companies.xlsx

-	-	-	SUNSET	Heated CPAP Tube DreamStation and PR system One	-	TUB06HPR	-	-
2025	2	1	SUNSET	Durable CPAP Tubing	9ft	TUB009	-	-
-	-	-	SUNSET	CPAP Tube	6ft	TUB06	-	-
-	-	-	FISHER & PAYKEL	Heated Breathing Tube	-	900CON208	-	-
2024	11	1	FISHER & PAYKEL	ESON Nasal Mask	M	400450	-	-
-	-	-	FISHER & PAYKEL	ESON Nasal Mask No HVG	M	400HC572	-	-
-	-	-	FISHER & PAYKEL	Evora Full Fit Pack	XS-SM-L	EVT1XMLA	-	-
-	-	-	FISHER & PAYKEL	Zest Nasal Mask - No Headgear	standard	400HC543	-	-
-	-	-	FISHER & PAYKEL	Zest Nasal mask	Standard	400440A	-	-
-	-	-	FISHER & PAYKEL	Zest Petite nasal Mask	Petite	400439A	-	-
-	-	-	SUNSET	Slim CPAP Tube	6ft	TUB0006SS	-	-
2024	13	1	SUNSET	Deluxe. Headgear one size fit most	-	HG003D	-	-
2024	13	1	SUNSET	Ruby Style chinstrap	M	CS007M	-	-
2024	15	242	SUNSET	Style Dispensable UltraFine Cpap Filter	-	CF1010-1	-	-
2024	15	50	SUNSET	Style Reusable Filter	-	CF1010-1	-	-
2024	13	1	SUNSET	Universal Headgear one size fits most	-	HG003	-	-
2025	1	1	SUNSET	Deluxe Chinstrap	Large	CS004L	-	-
2024	11	4	TIARA MEDICAL SYSTEM, INC.	CPAP Tubing	72"	TSB-6 GLT	-	-
2024	13	2	TIARA MEDICAL SYSTEM, INC.	E- Z Strap	-	TMS-77	-	-
2025	2	1	TIARA MEDICAL SYSTEM, INC.	CPAP tubing	8ft	TSB-8LT	-	-
2025	1,2	40	FISHER & PAYKEL	Nivairo Non-Vented Hospital Full Face Mask	Small	RT046S	-	-
2025	3,4	35	FISHER & PAYKEL	Nivairo Non-Vented Hospital Full Face Mask	Medium	RT046M	-	-
2025	1	5	FISHER & PAYKEL	Nivairo Non-Vented Hospital FFM Anti-Asphyxiation valve	S	RT046S	-	-
2025	1	1	Pulmonary, INC.	Go-Pap Bitrac ED Mask Adult	Medium	313-4604	-	-
2024	11	1	BMC	F5 FFM Btitn the mask	L	D2402031G	-	-
-	-	-	-	Gray tubing, cuffed	6'6"	14987	-	-

Road Blocks

Barcode to Pipedrive

Tracking Number:

Scan Tracking

Attach Image to Deal

Choose File No file chosen

Upload Image

Total Price: \$0.00

Road Blocks

Barcode to Pipedrive

Tracking Number:

9202290182632207021471

Scan Tracking

UPC:

9420012425898

Quality Control:

Quality Control Flaw

Scan UPC

Start New Tracking Number

SKU found and note added!

Spreadsheet Match: **Yes**

Price: \$0.00

Total Price: \$0.00




Excel File Viewer

Select file:

Overstock supplies other companies.xlsx

-	-	-	FISHER & PAYKEL	Simplex Seal	M	400HC500	-	-
-	-	-	FISHER & PAYKEL	Pilaro Q Nasal Pillow Mask	one size	400421	-	-
2024	11	1	FISHER & PAYKEL	ESON Nasal Mask	L	400451	-	9420012425098
-	-	-	FISHER & PAYKEL	ESON 2 Nasal mask	L	ESN2LA	-	-
-	-	-	FISHER & PAYKEL	BREVIDA Mask No HeadGear	XS-S	400BRE131	-	-
-	-	-	FISHER & PAYKEL	BREVIDA Nasal Pillows Mask	XS-S A	BRE1SA	-	-
-	-	-	FISHER & PAYKEL	BREVIDA Seal	M-L	400BRE114	-	-
2024	15	29	Spirit Medical	Dispensable UltraFine Filter	-	CF-1122447-2	-	-
-	-	-	FISHER & PAYKEL	Simplex FFM	M	400HC585	-	-
-	-	-	FISHER & PAYKEL	Simplex Headgear	L	400HC583	-	-
-	-	-	FISHER & PAYKEL	Standard Nasal mask	-	400445A	-	-
-	-	-	FISHER & PAYKEL	Evora Full seal	Small-Med	400EVF115	-	-
-	-	-	SUNSET	Durable CPAP Tubing	10ft	TUB010	-	-
-	-	-	SUNSET	CPAP Final Bacteria Filter	-	BF2200-1	-	-
-	-	-	SUNSET	Durable CPAP Tubing	6ft	TUB006	-	-
2024	15	80	Spirit Medical	Reusable Potten	-	CF-1122446-1	-	-
2024	13	1	SUNSET	Halo Style Chinstrap	-	CS025	-	-
-	-	-	SUNSET	Heated CPAP Tube DreamStation and PR system One	-	TUB06HPR	-	-
2025	2	1	SUNSET	Durable CPAP Tubing	9ft	TUB009	-	-
-	-	-	SUNSET	CPAP Tube	6ft	TUB06	-	-
-	-	-	FISHER & PAYKEL	Heated Breathing Tube	-	9000CON208	-	-
2024	11	1	FISHER & PAYKEL	ESON Nasal Mask	M	400450	-	-
-	-	-	FISHER & PAYKEL	ESON Nasal Mask No H/G	M	400HC572	-	-
-	-	-	FISHER & PAYKEL	Evora Full Fit Pack	XS-S/M-L	EVF1XMLA	-	-
-	-	-	FISHER & PAYKEL	Zest Nasal Mask - No Headgear	standard	400HC543	-	-
-	-	-	FISHER & PAYKEL	Zest Nasal mask	Standard	400440A	-	-

Road Blocks

 Last Monday at 4:12 PM · ADMIN ✕ [Add a comment](#)  

SKU scanned: 9420012425898. Spreadsheet match: Overstock supplies other companies.xlsx - 9420012425898. Price: \$10. Description: ESON Nasal Mask Size: L

SKU scanned: 9420012425898. Spreadsheet match: Overstock supplies other companies.xlsx - 9420012425898. Price: \$10. Description: ESON Nasal Mask Size: L

SKU scanned: 9420012425898. Spreadsheet match: Overstock supplies other companies.xlsx - 9420012425898. Price: \$10. Description: ESON Nasal Mask Size: L

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SKU scanned: 9420012425898. Spreadsheet match: Overstock supplies other companies.xlsx - 9420012425898. Price: \$10. Description: ESON Nasal Mask Size: L

SKU scanned: 9420012425898. Spreadsheet match: Overstock supplies other companies.xlsx - 9420012425898. Price: \$10. Description: ESON Nasal Mask Size: L

SKU scanned: 643131378916. Spreadsheet match: Overstock supplies other companies.xlsx - 643131378916. Price: \$0. Description: Aerie Nasal Mask Size: Large [Flaw: Not in Original Packaging]
Total Price: \$80.00

Are we on time?

- Yes

- ▶ A rapid prototype of the project is done and now I need to test to work out the bugs and add functionality for flaw detection
- ▶ Work on Inventory management
 - ★ Work at finding a solution to the discrepancy between the inventory in Magento and the subscription model inventory
- ▶ Work on the SellMyCpap website
 - ★ dynamic pricing

Thank You

Thank You!