Getting Started with TRENDABLE

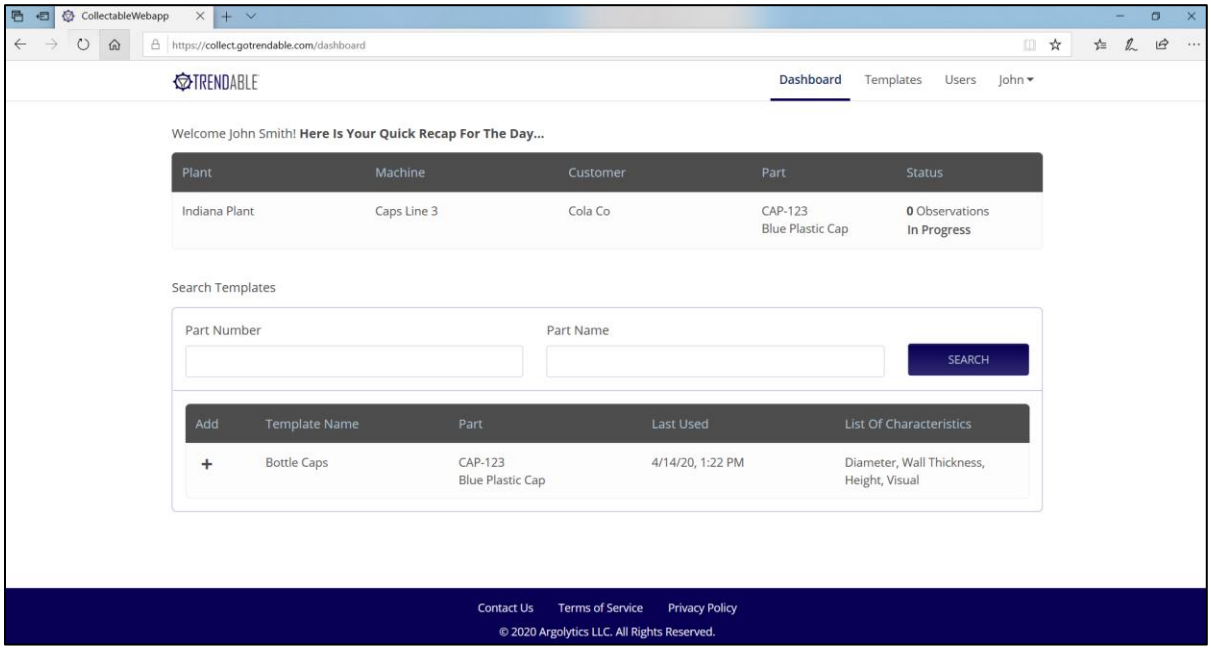
For Data Collection

Welcome to TRENDABLE, online quality control software for small businesses. This tutorial will acquaint you with the key features in TRENDABLE for Data Collection and how to use them.

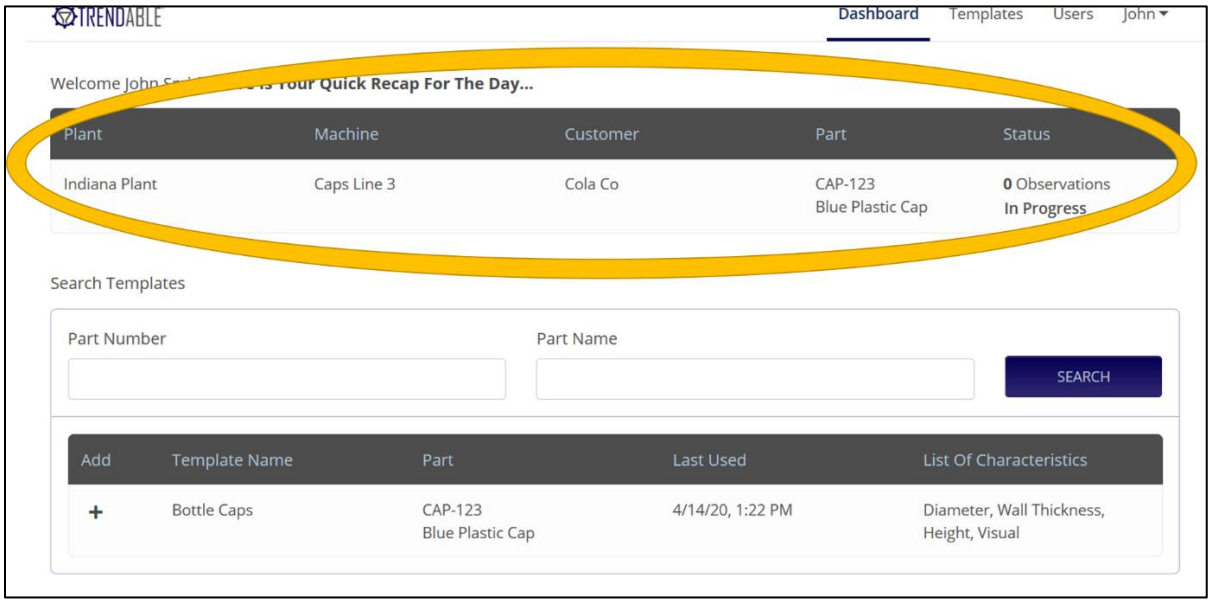
For this tutorial, you are a quality technician at the Indiana bottle facility. Today you are working with bottle cap production line 3 making bottle caps for client Cola Co. Several times an hour you pull a bottle cap from line 3 and check the cap diameter, wall thickness, and height. You also note if the cap had any defects such as puncture, dent, or warps.

Part 1: Collecting the Data

1. Log in to TRENDABLE for Data Collection at https://collect.gotrendable.com/.
   TRENDABLE for Data Collection opens to your dashboard and you're ready to collect the data.

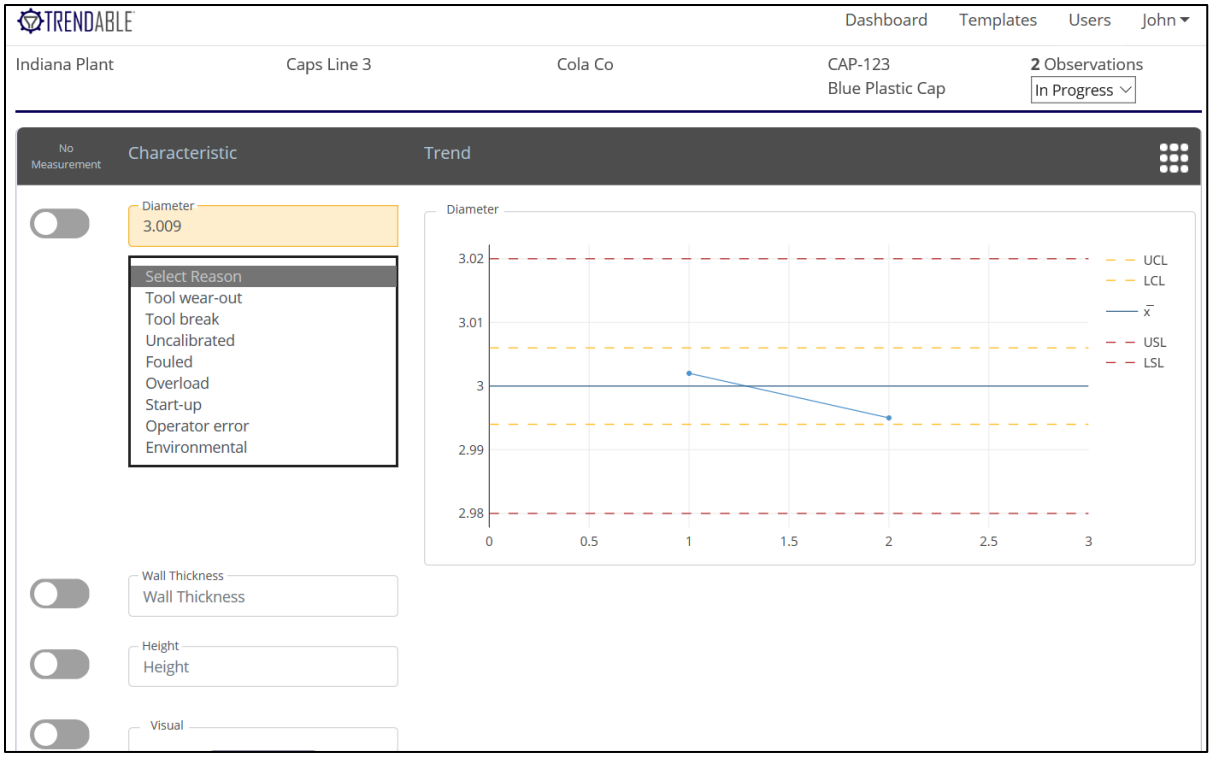


2. Select the Project

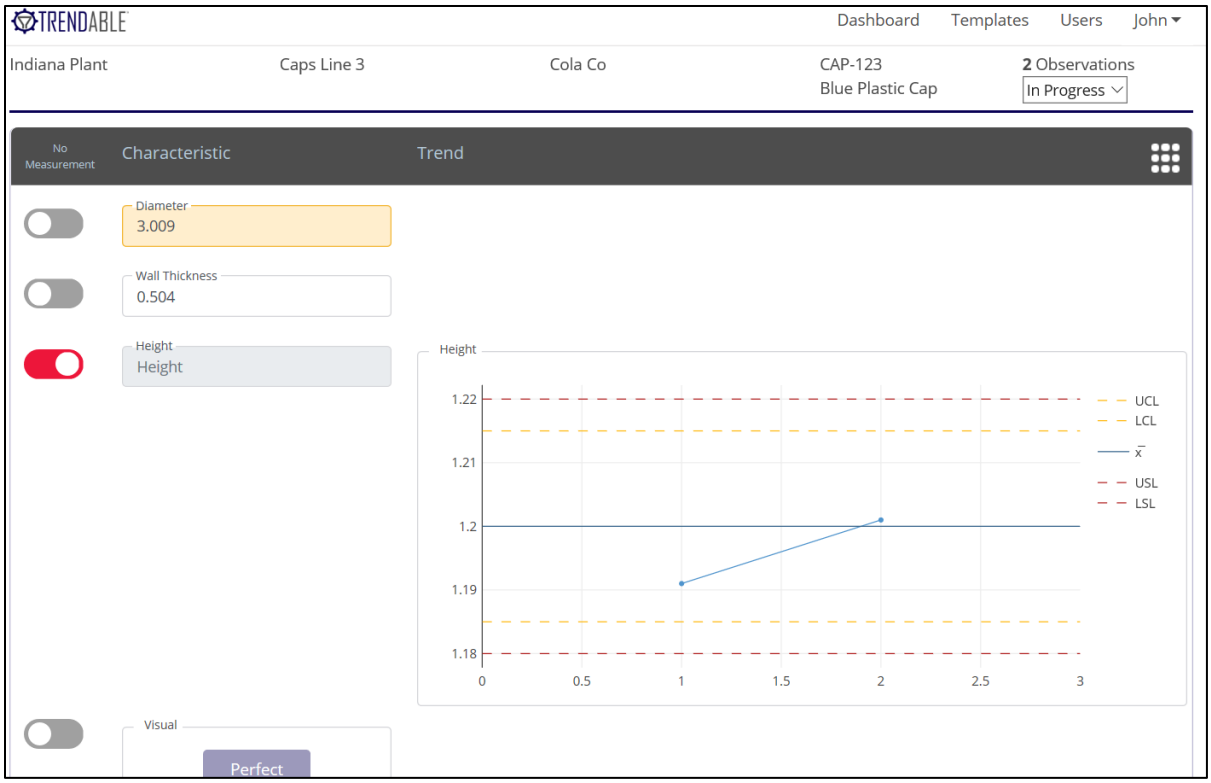


3. Enter at least the first four rows of the data below and select any reason or action when prompted.

	Diameter	Wall Thickness	Height	Visual
Sample 1	3.002	0.501	1.191	Perfect
Sample 2	2.995	0.502	1.201	Perfect
Sample 3	3.009	0.504	None	Dent
Sample 4	3.025	0.506	1.201	Puncture
Sample 5	3.018	0.499	1.201	Perfect
Sample 6	3.000	0.501	1.201	Perfect
Sample 7	3.012	0.503	1.203	Perfect
Sample 8	2.987	0.501	1.219	Warp
Sample 9	3.002	0.497	1.203	Perfect
Sample 10	3.003	0.501	1.198	Perfect

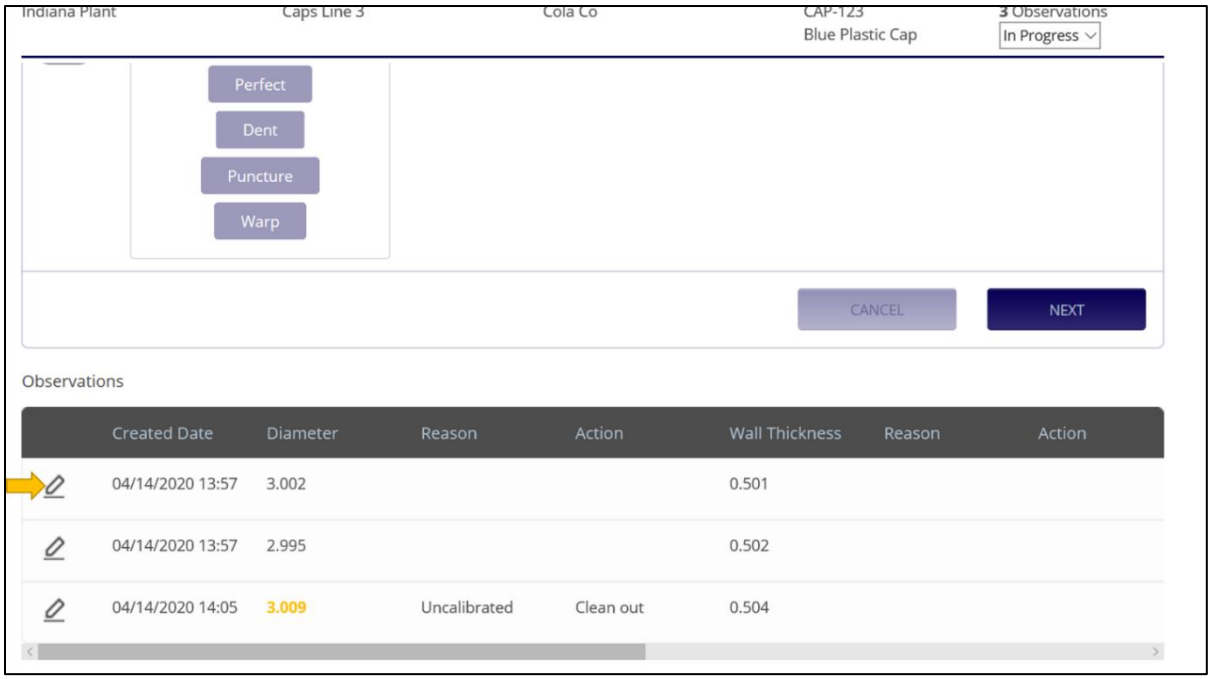


Selecting a 'Reason' (Sample 3 – Diameter)

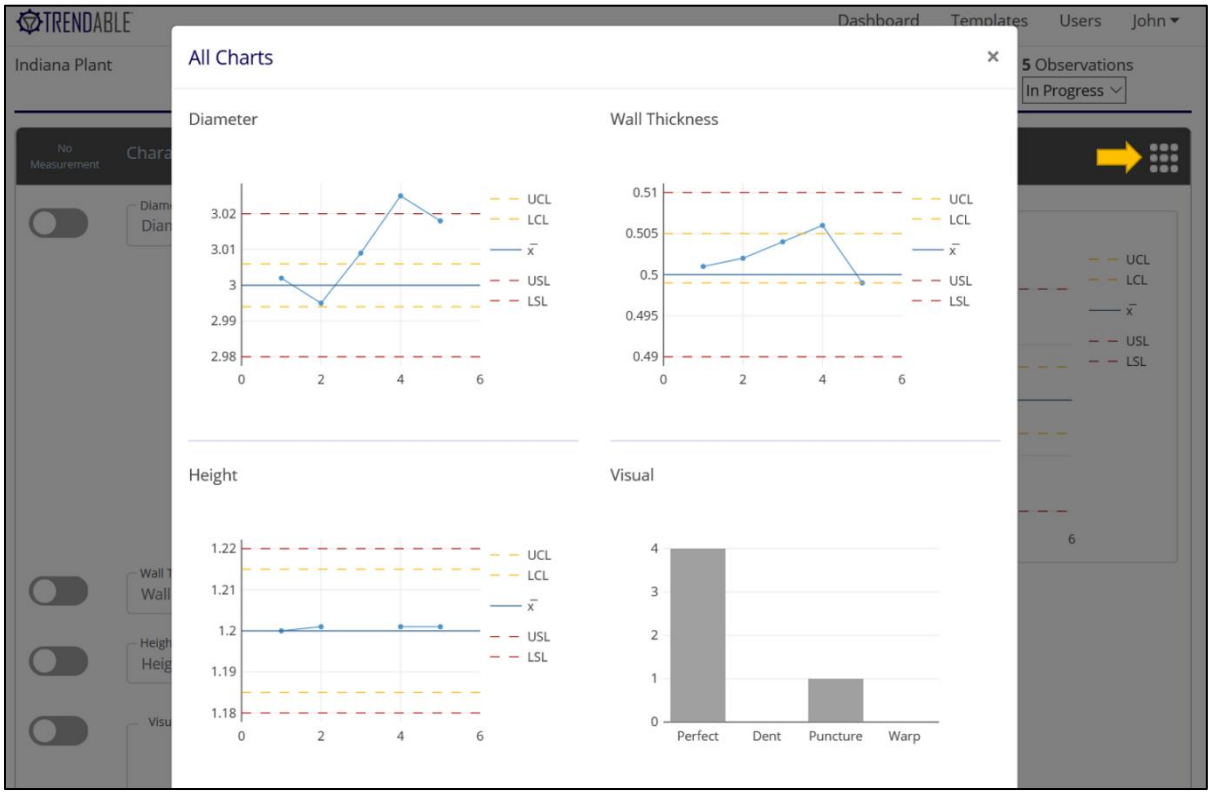


Selecting 'No Measurement' (Sample 3 – Height)

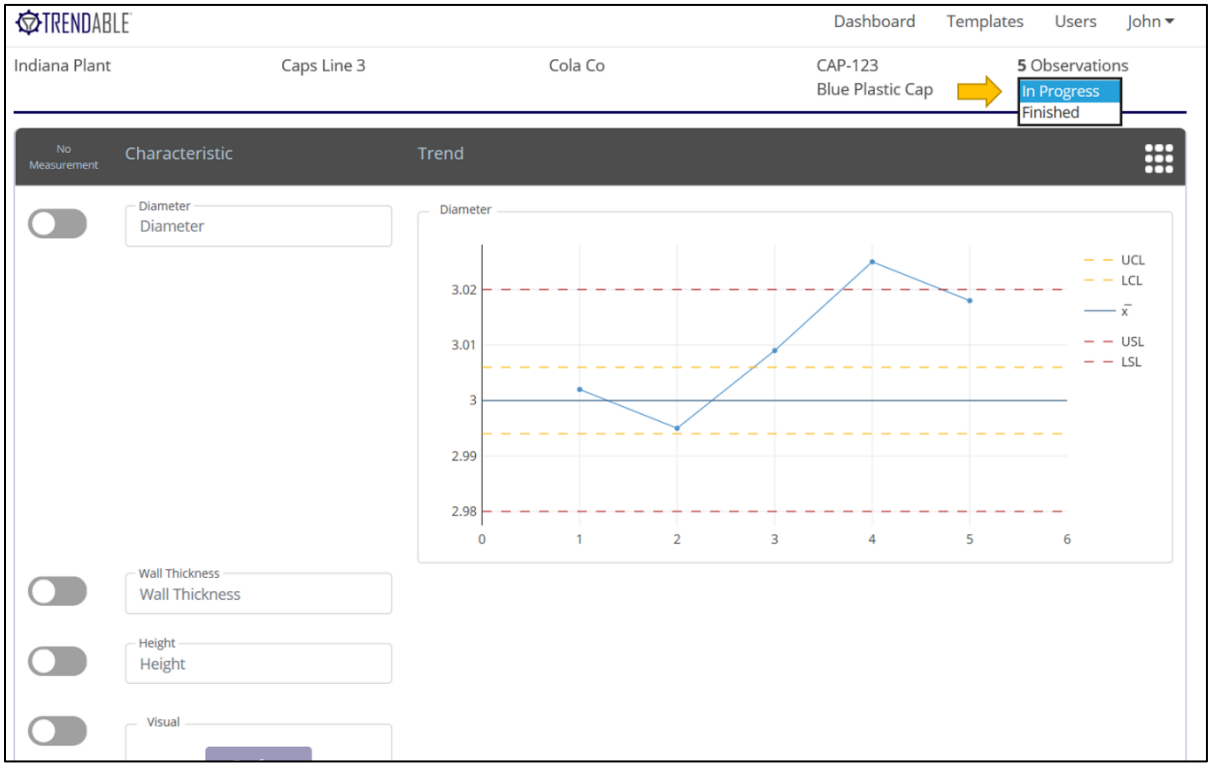
4. Edit an Observation - Change Height Observation #1 from 1.191 to 1.200



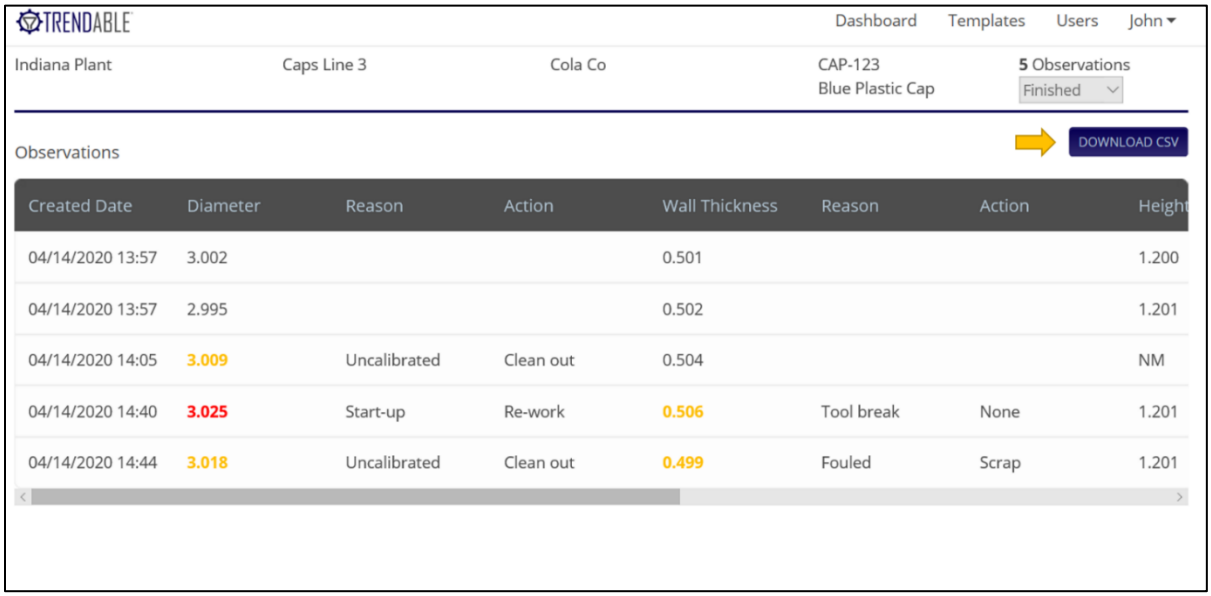
5. To view all charts at once, select the grid symbol in upper right corner ( )



6. At the end of the shift - Change from '**In Progress**' to '**Finished**'



7. Export to CSV File

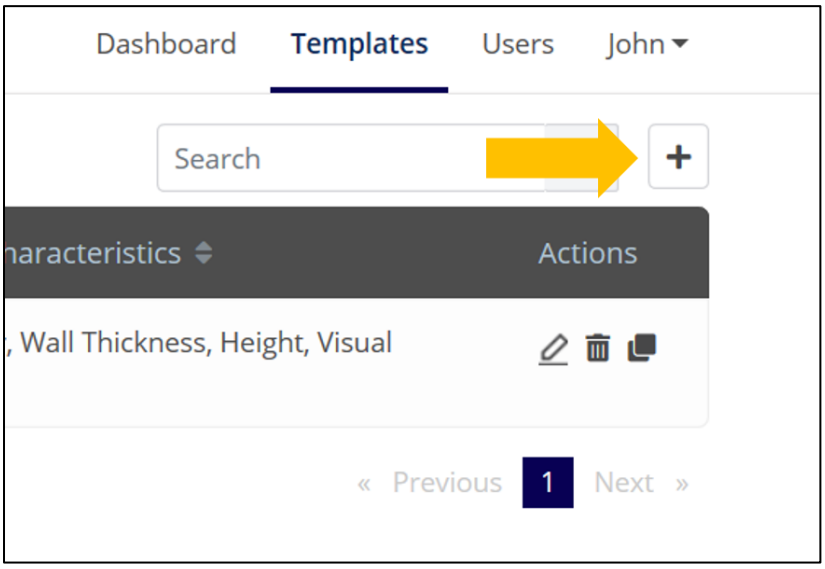


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Diameter	Reason	Action	Wall Thick	Reason	Action	Height	Reason	Action	Visual	Reason	Action	Template I	Customer	Plant	Machine	Part Name	Part Number	Team Member	Created On
2	3.002			0.501			1.2			Perfect			Bottle Cap	Cola Co	Indiana Plant	Caps Line 3	Blue Plastic Cap	CAP-123	John Smith	4/14/2020 13:57
3	2.995			0.502			1.201			Perfect			Bottle Cap	Cola Co	Indiana Plant	Caps Line 3	Blue Plastic Cap	CAP-123	John Smith	4/14/2020 13:57
4	3.009	Uncalibrat	Clean out	0.504			*			Perfect			Bottle Cap	Cola Co	Indiana Plant	Caps Line 3	Blue Plastic Cap	CAP-123	John Smith	4/14/2020 14:05
5	3.025	Start-up	Re-work	0.506	Tool break	None	1.201			Puncture			Bottle Cap	Cola Co	Indiana Plant	Caps Line 3	Blue Plastic Cap	CAP-123	John Smith	4/14/2020 14:40
6	3.018	Uncalibrat	Clean out	0.499	Fouled	Scrap	1.201			Perfect			Bottle Cap	Cola Co	Indiana Plant	Caps Line 3	Blue Plastic Cap	CAP-123	John Smith	4/14/2020 14:44
7																				
8																				

Part 2: Creating Templates (Manager Role Only)

Users in the Manager Role have the ability to create templates.

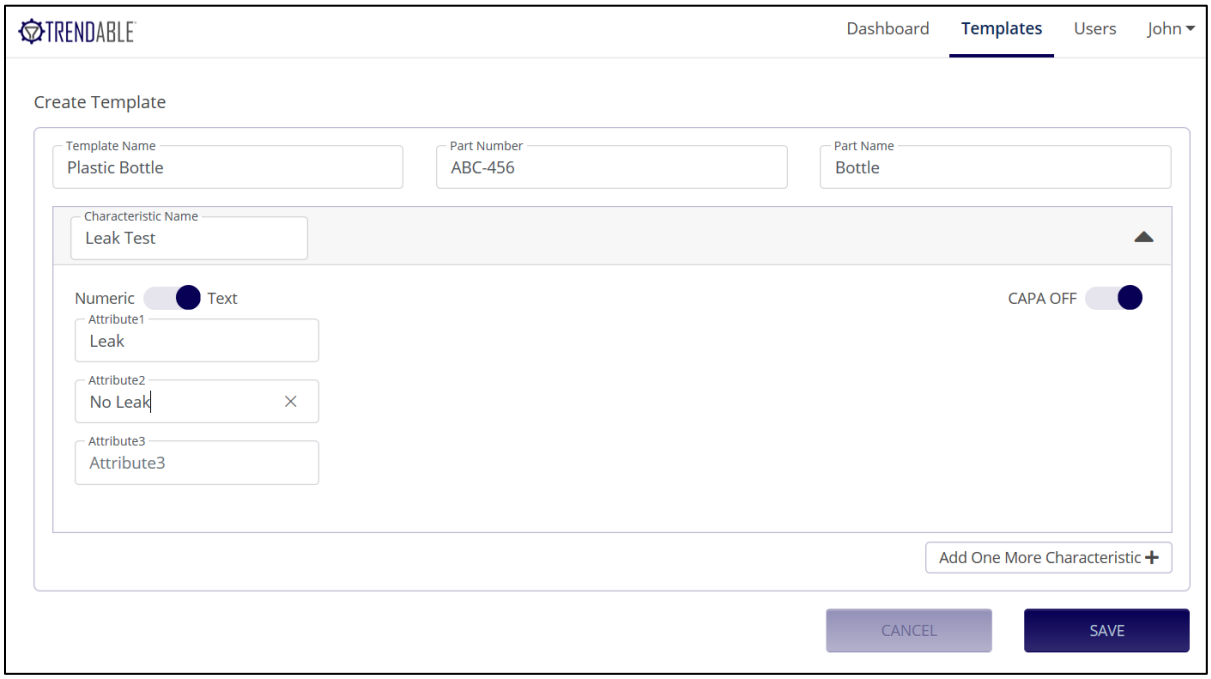
1. Click **Templates** and then + to create a new template



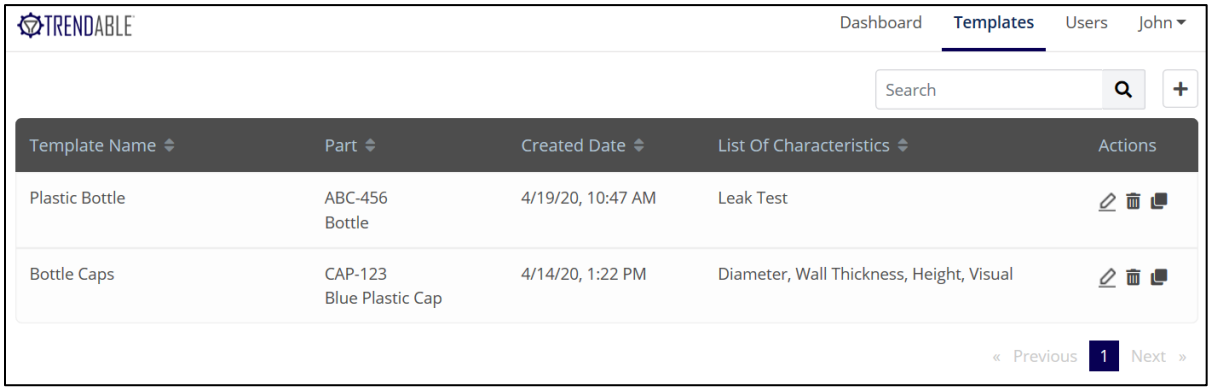
2. Example - In addition to measuring the physical characteristics of the bottle cap as shown in Part 1, a leak test is performed. The cap is screwed onto a bottle filled with water. The bottle is turned upside down for 30 seconds and monitored for leakage.

   Enter the **Template Name**, **Part Number**, and **Part Name**. Next, select 'Text' using the slider and enter 'Leak' for **Attribute 1** and 'No Leak' for **Attribute 2**.

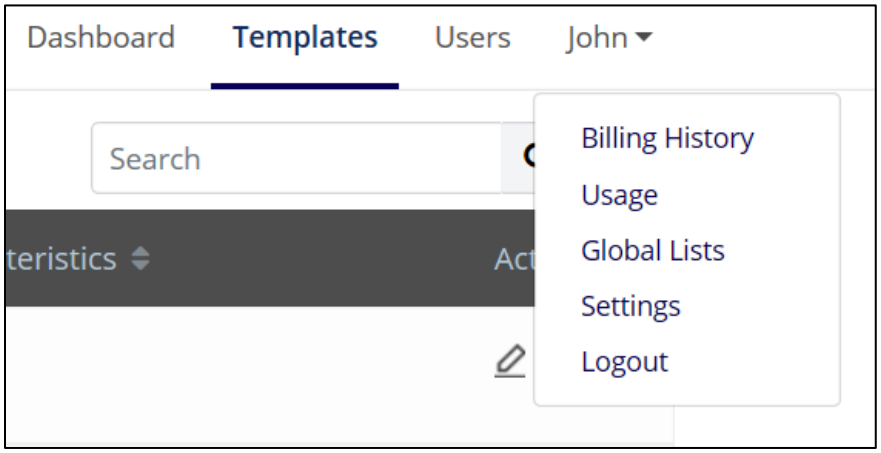
   The **CAPA Off** slider refers to "Corrective Action/Preventive Action". When the slider is to the left, CAPA Reason and Action will not be presented to the user. When the slider is to the right, the user will be presented with Reason and Action fields whenever an observed data point exceeds either the Control Limits (yellow horizontal lines on control chart) or the Specification Limits (red horizontal lines on control chart).



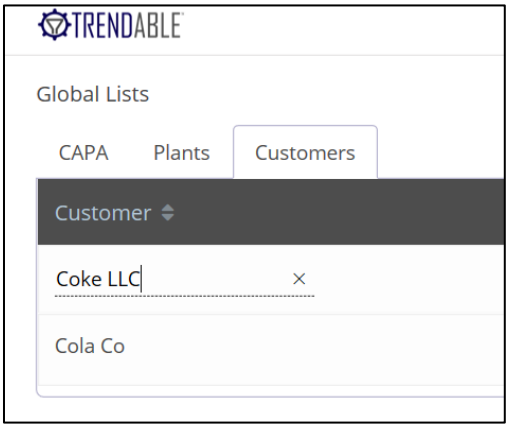
3. When you're done, click **Save** and the new template 'Plastic Bottle' is now shown in the template list



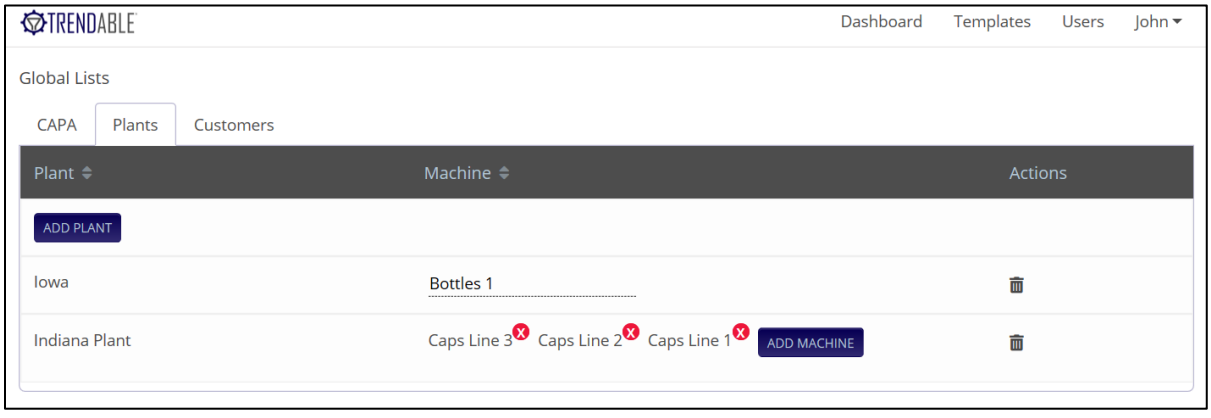
4. Next, a customer and plant will be added using **Global Lists**, which is available when selecting the user profile.



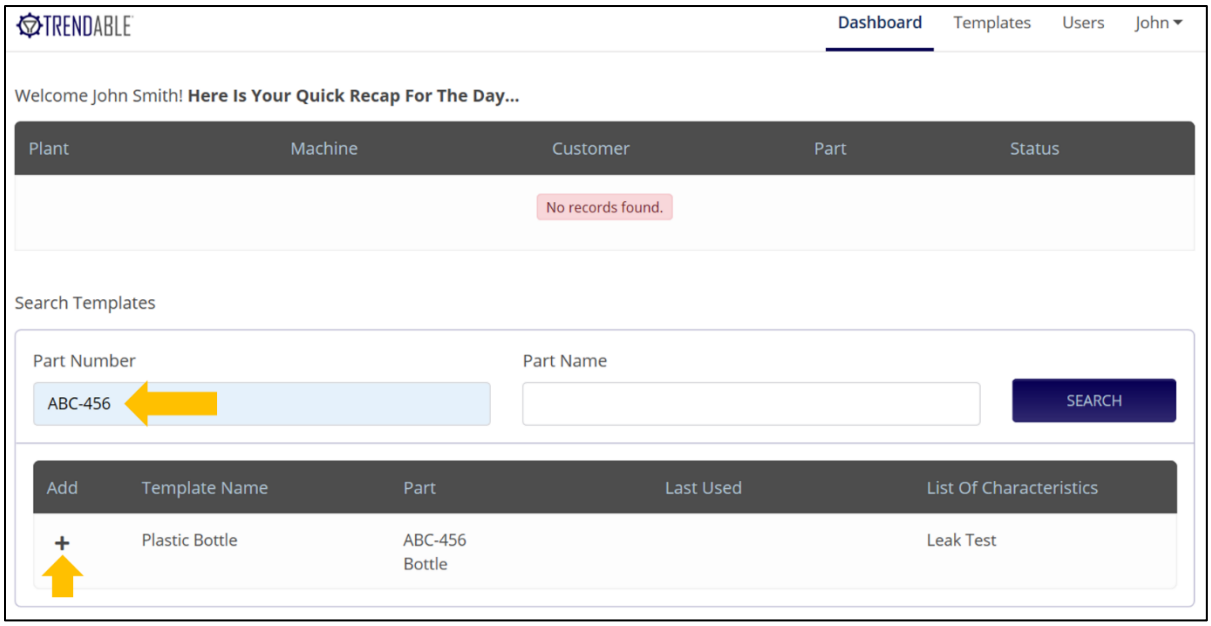
5. Select **Global Lists** and then **Customers**. Select **Add Customer** and enter 'Coke LLC' and then press Enter to save the new customer.



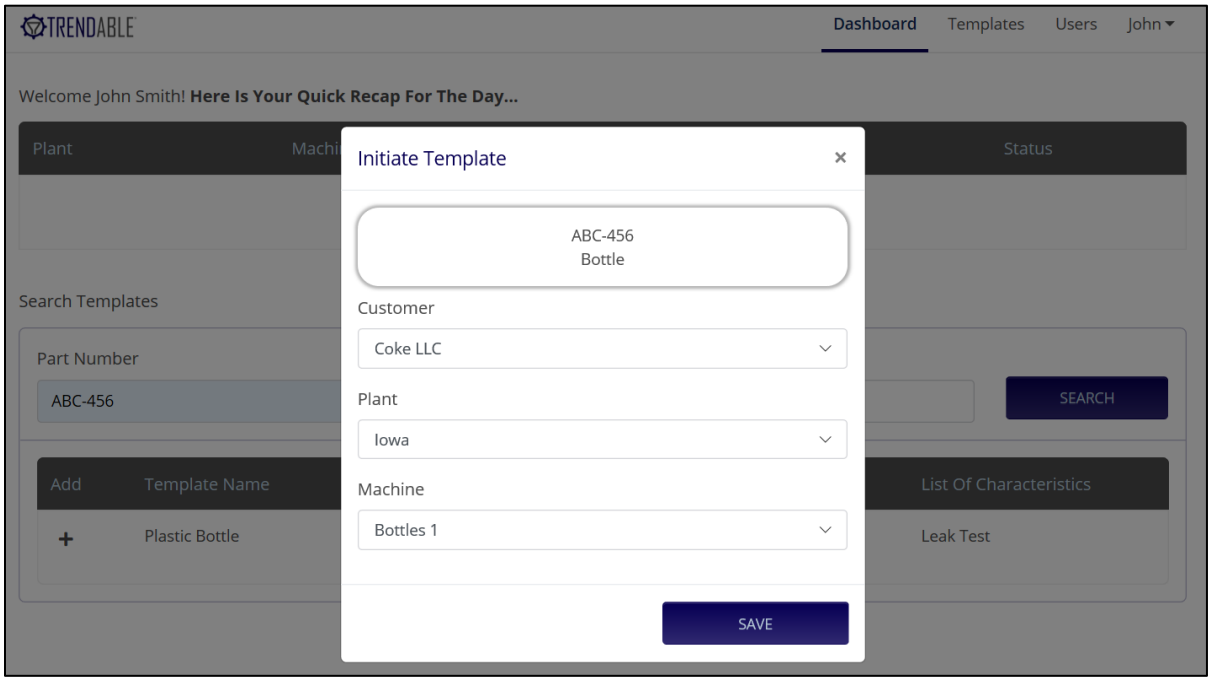
6. Select **Plants**, then **Add Plants** and enter 'Iowa' and press Enter to save. Then select **Add Machine** and enter 'Bottles 1' and then press Enter to save.



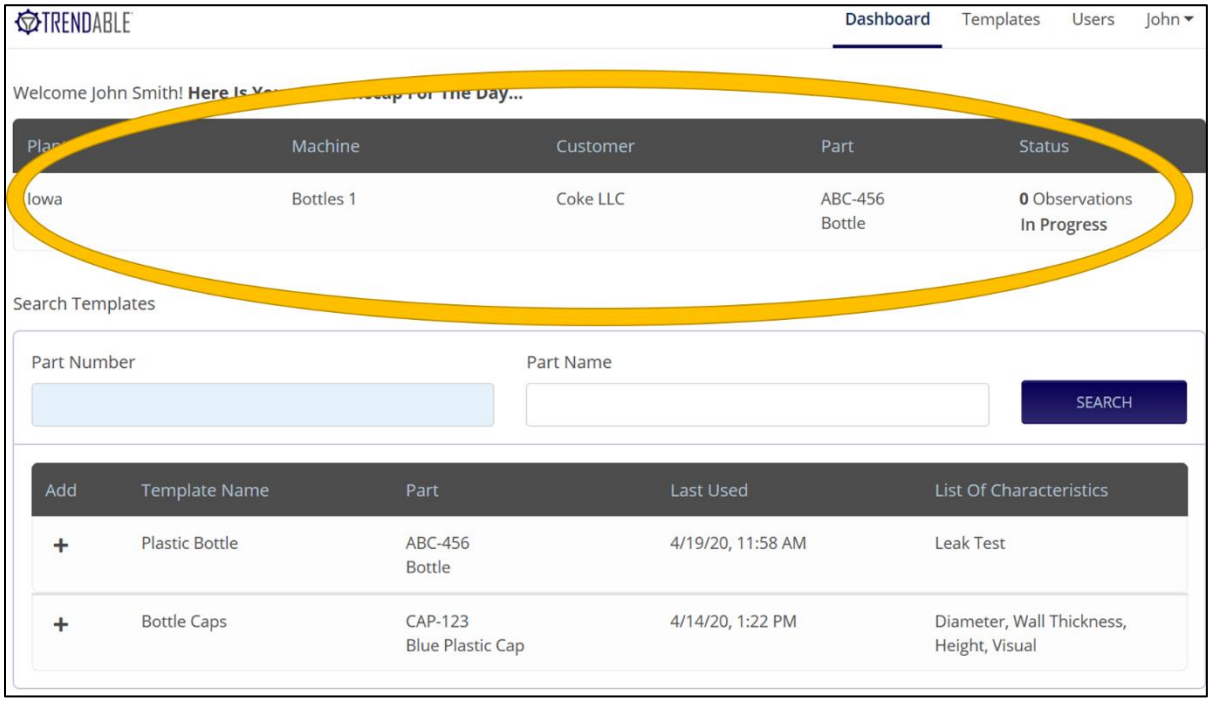
7. Return to the Dashboard and search for the template by entering the Part Number (ABC-456) or Part Name (Bottle) and select **Search**. The template will now be shown in the template list. Select add to initiate the template.



8. Initiating the Template –
Customer select 'Coke LLC'
Plant select 'Iowa'
Machine select 'Bottles 1'
then select **Save**



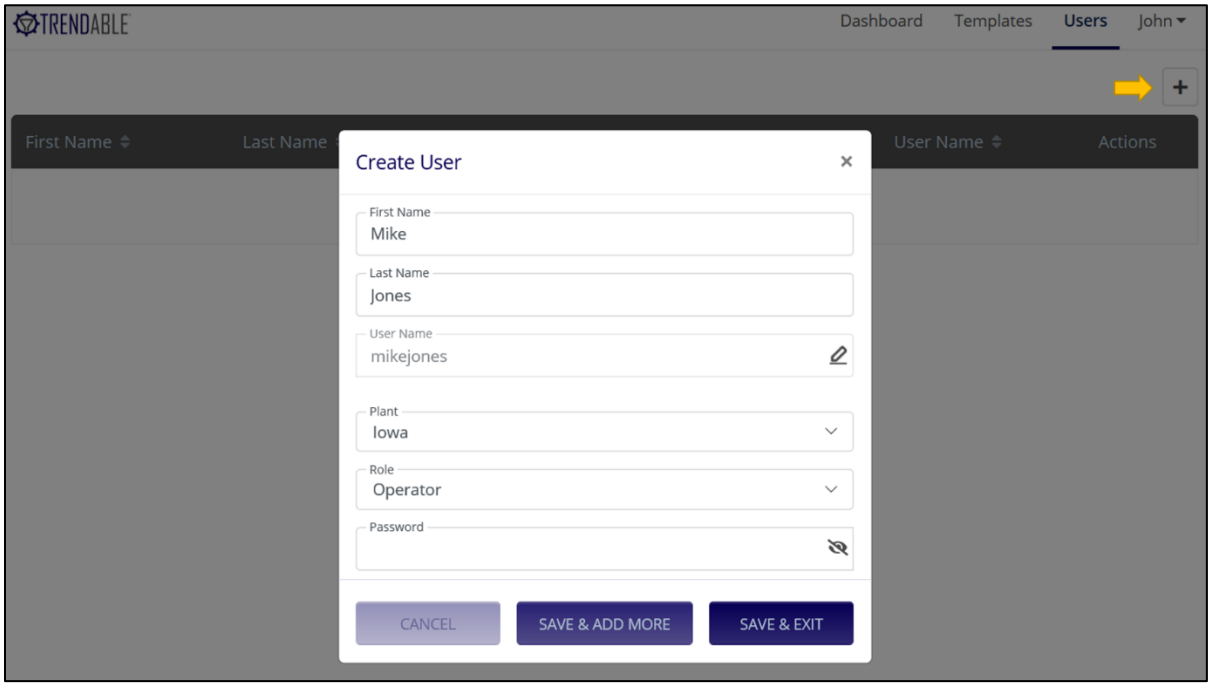
9. The Project status is now ‘In Progress’. Select the Project to begin collecting data using the instructions in Part 1.



Part 3: Adding Users (Manager Role Only)

Users in the Manager Role have the ability to add users.

1. Click **Users** and then + to create a new user. Enter the new user information in each field including 'Role'. An Operator has access to data collection, but not template or user management controls. A Manager has access to all features. Then select either **Save & Add More** or **Save & Exit**.



Thanks for using TRENDABLE for Data Collection!