**Features / customizations:**

Not completed yet - Title/ description customization:

* Would be nice if “appears on chart” can remain displayed below the custom named title, or some sort of indicator that explains to the user that this column is the one that appears on the chart.
* If custom titles are removed by user, the default titles (as shown here) should re-appear.

Chart, line chart

Description automatically generated

“Account” page. Ability to edit name, email, company, email address. Also include ‘delete account’ link that a password has to be entered in, to confirm deletion.

Graphical user interface, application

Description automatically generated

Basic admin panel (Simple display of each users name, email, password. Add signup date if not difficult.)

Add cumulative Ppk values to “Process Capability Ratios” line plot. I can explain this one on a call if needed:

* + Add a new column of cumulative ‘sample standard deviation’ values (subgroups are irrelevant) .
  + Clone the Cpk value columns, re-labeled as Ppk.
  + For these new Ppk columns, replace the Estimated Std Dev with Sample Std Dev.
  + Add the cumulative Ppk values to the bottom line plot (The line plot will then display Cpk and Ppk).

Ppk formulas:

Ppu = (USL-avg)/(3\*Overall sample std dev)  
Ppl = (avg-LSL)/(3\* Overall sample std dev)  
Ppk = min[Cpu,Cpl]

Note that it’s the exact same formulas as Cpk, except that Cpk uses Estimated Std Dev in the denominator:

Cpu = (USL-avg)/(3\*Est std dev)  
Cpl = (avg-LSL)/(3\*Est std dev)  
Cpk = min[Cpu,Cpl]

**Simple formatting and spelling edits:**

Change “CPK” to “Cpk”

Chart, line chart

Description automatically generated

Change “Lock Limit” to “Lock Limits”

Table

Description automatically generated

Move “Notes” column to the right of the values, instead of the left.

Can the + symbol be removed when there are no charts?

Graphical user interface, text, application, chat or text message

Description automatically generated

Change “Password-protected?” to “Keep chart password-protected”

Graphical user interface, application

Description automatically generated

**Final tasks before public launch:**

* Email verification link at signup and message that account was registered.
* Hide the cumulative values columns from the chart space (after we confirm all calculations are correct).
* Integrate in menu with logo, and homepage
* Deploy to spccharts domain

**Lower priority for now, to discuss after items above are completed:**

**(Probably doing after public launch)**

* Integrate an "undo" button for data entry
* Make cumulative averages visible when points hovered (same structure as datapoint notations)
* Pop-out window for values table (Will show an example on a video call)
* Notes frame, as free-form text (Maybe make it “pop out” when selected)
* Does entire page have to refresh to see updated to notes when hovering a point?