**Reports & Communication**

**Between Client & Developer**

* ***17-December-2024***

*Thank you for the response and explanation. I have made some code changes as per your clarification. These are the main items that I have taken care of -*

* Hanging Storage Bin calculation- need 1 hook per SKU. Now I have selected Hooks size (6" or 12") based on SKU count. (I am not quite sure if SKU count and Inventory counts are same). I have set number of Hooks requirement same as Inventory count.
* In general, I have categorized parts having one dimension more than 24" and other dimensions are less than 4"). Since part categorization for Wiper Blade, Wiper Asy, V-Belt are done, I am assigning them to "Hanging Parts" irrespective of their dimensions. So we have more ‘Hanging parts’. I have seen in GParts repository that most of these part categorie are long enough in 1 dimension to be called as ‘Hanging parts’.
* Taken care of 'Stacking large-sized parts in Bulk storage if they are not fitting in Clip-Shelving' because of dimensions.
* Taken care of Storage allocation of Hoods, Bumper covers. Bumper cover has normal stacking. The logic of stacking Bumper Cover may change depending on vendor’s requirement, and once we have more clarification on bumper cover bags and how to handle it. I think most of the important aspects of the requirement document have been taken care of except prioritization of Bins. As next step, I can start prioritization of bins based on Zones and the bin-type priority given in document. I would need the number of Bins for each label that are present. So if a bin is full, fill the next Bin with same label. If one type of Bin is exhausted, then fill the parts into next available Bins (probably bigger sized) , and so on.

*Please share your thought. Please let me know your feedback, and please let me know of any additional changes*

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**Older Communication**

* I have consolidated all the parts from Akins, Wholesale and Service Files, and got approx. 68,000 Parts.

*Let me know what changes after removing Akins*

Yes, I have removed Akins data. *Now there are total rows: 33,688 records in main Dataset after merging Wholesale and Service with GParts.*

*Is there a variance in that sum and the what is in GParts?*

* Then I created a final Dataset that contains the Common Part Numbers (approx. 43,000) from GParts and the consolidated parts.

*Does that mean you removed any of the CHR and OTH parts?*

*I imported CHR, but filtered it out and using only FORD data for processing (Zoning and Storage assignment)*

*Awesome*

- The Columns of the Final Dataset are - 'Part Number', 'Part Desc.', 'Active', 'Sold (Pcs.)', '0Dimensions', 'Length/Depth', 'Width', 'Height', 'Zone', 'Storage Type', 'Sub Storage', 'Number of Storage needed'. *(Add one column that says Bin Location (It will be important later))*

*[Already DONE sometime back]  
I have added 'Bin Location' for the final dataset.*

*Awesome*

**ADDING MORE LATER…**