MEMO

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**SUBJECT**: DBAS 1001 Assignment #2

* **Existing System Details**From assg2.docx, it gives a set data type and information from Frankie’s laundry scenario.
* **Statement of Requirements**Using Microsoft Visio, I will supply an Entity Relationship Diagram(ERD) that is capable of storing all the data and retrieving all the information necessary for the Frankie’s Laundry scenario.
* **Analysis**

***Frankie’s dresser partition***

|  |  |  |  |
| --- | --- | --- | --- |
| Warm socks | Lighter socks | Warm underwear | Flimsy underwear |
| Spring tops | Summer tops | Winter tops | Autumn tops |
| Spring bottoms | Summer bottoms | Winter bottoms | Autumn bottoms |

1. Every data has a type
   1. is it top, bottom, underwear, or socks?
2. Every data has a seasons
   1. Is it spring, summer, winter, or autumn?
3. Therefore, each items will be differentiated by **item\_name**, **item\_id**, **item\_type**, **item\_season,** and which of the 12 partition the item is in via **item\_partition\_id**
4. The 12 partitions are differentiated by **partition\_id**, **partition\_type**, **partition\_season**, **partition\_name**, and which 3 drawers the partition is in via **partition\_drawer\_id**
5. Each 3 drawers are differentiated by **drawer\_id**, **drawer\_name**, **drawer\_type** to determine location of the drawer. Ex: Top, middle, or bottom.

***Entity Relationship Diagram (ERD)***  


* **Recommendation**My recommendation is to follow the ERD diagram above to be develop, which will satisfy the Statement of Requirement.