DESIGN

1. Create Database system-versioned tables
2. Run python scripts in ‘LoadingIntoUPC” jupyter notebook to generate csv load files.
3. Load the data into the tables from corresponding SSIS packages.
4. Verify data loads in database
5. Run the flask app and web app

\*\*\*\*\* CANNOT DELETE RECORDS FROM HISTORY TABLES \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

* Re-design ASIN and UPC tables to include Bu,SubBU,PepsiBrand and BrandSource columns
* Re-design SSIS packages to load the updated tables and load the data.
* Design flask app:
  + SEARCH
    - Create a layout for search based on Hierarchy🡪 Enter Bu->SubBu or Brand Source-> PepsiBrand information and display the ASINS and UPCs.
    - Display in table format
    - Provide radio box/check boxes to select records and one main Update button at the end of the page.
  + UPDATE
    - Results displayed from the search page, give an option to Update.
    - Release 1- Ability to select just one record for update and disable the rest.

QUESTIONS/CLARIFICATIONS:

* The hierarchy list : Bu, SubBU, BrandSource and PepsiBrand , is this list static ? If not how often does this change?

TO-DO Checklist:

1. Filter the SQL query in the flask app based on dropdown selection-> add if statements to check what values are defined and filter queries accordingly
2. Add the Pepsi Brand and Brand Hierarchy filters on the HTML page
3. Design a flask app for searchUPC and corresponding HTML template
4. Pagination and sorting of records