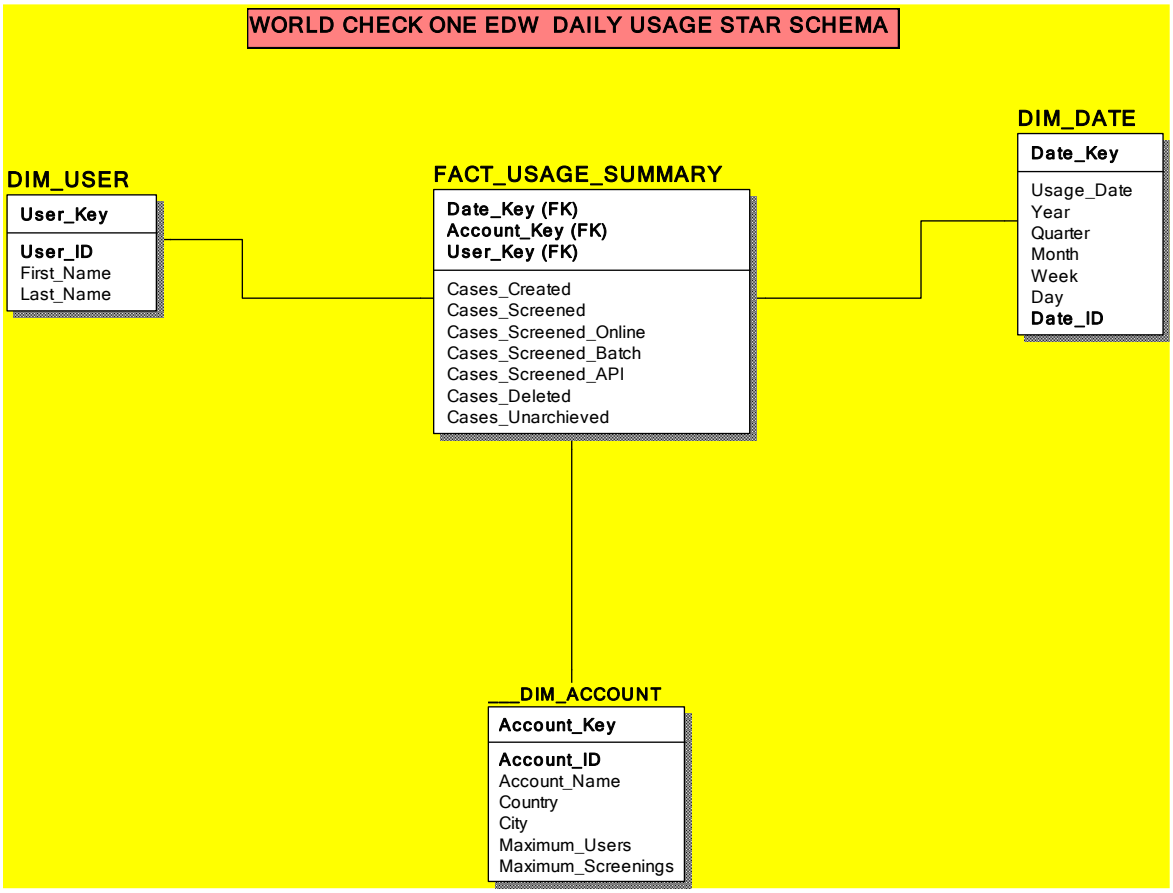
SCENARIO ONE:

Steps Followed to accomplish the Design of the EDW Star Schema

1. Business Requirements Analysis
2. Identifying the Fact Table Granularity for this case is the Usage is Aggregated at the Day level and the Metrics are Cases created, Cases screened, Cases Screened through Online Channel, Cases screened through Batch, Cases Screened through APIs, Cases Deleted and Unachieved Cases.
3. Identifying the Dimensions for this case User Dimension, Account Dimension and Date Dimension
4. Identifying the Facts which the numeric measurements For this case Fact Usage Summary will be our fact
5. The fact table will be a our centralized table that contains the aggregated measures surrounded by the different Dimensions connected through relationship links.



SCENARIO TWO:

To ensuring the design from Interview Scenario #1 will meet all of the needs of users that are using the current EDW solution?

1. Identifying the specific limitations of the current EDW solution such as the availability of data only at the daily level and limited user information. By ensuring that the Model meets users system requirements we can have data available at different Dates, Months, Quarters and Year and Unlimited user information in order to assist in analyzing the data.
2. Including more granular daily data to enhance the current EDW
3. Explore the possibility of adding more metrics to the existing EWD to match the requirements in the Scenario One
4. Collecting feedback on the existing model will help understand more on the specific needs of the users to help develop a model that captures users requirements.

Advantages of Creating two concurrent EDW:

1. Users can Continue using the Model without disruption
2. The Model can be refined according to the user needs

Disadvantages:

1. Managing two concurrent design can be more complex as data maintenance.
2. There might be data discrepancies.
3. It requires additional resources to come up with concurrent models and also maintaining it