Auction Static Report

Task Decomp

**Lock Types**: 2 read-only lookups: item and rate info

**Number of Locks:** Several different schema constructs are needed

**Enabling Conditions:** All information enabled by an admin login

**Frequency**: Low- same frequency

**Consistency (ACID):** is not critical, even if the item is being edited by the user

**Subtasks:** All tasks must be done, but can be done in parallel. Mother task is required to coordinate subtasks. Order is not necessary.

Abstract Code

* Admin clicked on ***Auction Statics Report*** button from **Main Menu**:
* Run the **Auction Statics Report** task: query for information about the Item auction and rating information.
* Count the current active auctions using the label item.isActive (auctions which have not closed), ; Display “Auctions Active” + total active auction number;
* Count the current finished auctions using the label item.isFinished (auctions that have ended with or without a winner but were not cancelled); Display “Auctions Finished” + total finished number;
* Count the current won auctions using the label item.isWon (auctions which have successful winners), ; Display “Auctions Won” + total won auction number;
* Count the current won auctions using the label item.isCancelled (auctions which have been cancelled), ; Display “Auctions Cancelled” + total cancelled auction number;
* Count the current rated items using the label item.hasRating (items with rating), ; Display “Items Rated” + total rated item number;
* Count the current not rated items using the label item.hasRating = false (items without rating), ; Display “Items Not Rated” + total unrated item number;
* When ready, user click ***Done*** to go back to **Main Menu**