User Report

Task Decomp

**Lock Types**: 3 read-only lookups user, item and rating

**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 ***User Report*** button from **Main Menu**:
* Run the **User Report** task: query for information about the user and aggregates information about users’ list, buy and rating items.
* Find all *user;* Display *username* in first column
* Find the total number of items listed by the user (whether sold or not); Display total item number in 2nd column
* Find the total number of items sold by the user (either via Get It Now or auction) ; Display total item number in 3rd column
* Find the total number of items won by the user (either via Get It Now or auction); Display total item number in 4th column
* Find the total number of items rated by the user; Display total item number in 5th column
* Find the most frequent listed item condition by the user (in the event of a tie, the lowest-quality condition should be used); Display the condition in 6th column
* If the user has no listings the 6th column should display “N/A”.

When ready, user click ***Done*** to go back to **Main Menu**