Test criteria for Transactions

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Transaction Search Criteria :

1. Dates are accepted in format yyyy-MM-dd
2. StartDate and EndDate both are empty then get entire list of Transactions
3. StartDate is empty and EndDate is available then get all Transactions - on or before the EndDate.
4. StartDate is available and EndDate is empty then get all Transactions - on or after the StartDate.
5. To retrieve transactions for a particular date enter same values of start and end date.
6. After clicking search button you will get list of transaction sorted in ascending order of their transaction Id.
7. Clicking “Clear” button clears the data entered in the date fields.
8. “View” button will get enabled once the row is selected from the Transaction list.
9. On click of “view” button after selecting a particular transaction you will get List of transactions with product details(like product Id, product name, quantity, product description) sorted by the ProductId.
10. Clicking “Print” button will generate report with all transactions between given date range along with the product name and description with sorted product Id.
11. Product details in the transactions would be populated from the products.dat data file on basis of the ProductId. Error would be thrown if Product is not present in the data file.
12. Receive transaction error during following scenarios
    1. Dates are in improper format.
    2. StartDate is greater than the EndDate
    3. MemberId is null for a transaction.
    4. Product is null in the transaction list.
    5. ProductId is null for the product.
    6. Quantity is null for the purchased product.
13. Cells in the displayed transaction List are non-editable.
14. User would be able to select only a single record from the displayed Transaction List.
15. When user visits the transaction details page for viewing the Transaction detail for a particular transaction Id and then clicks on “Back” button user’s search criteria should be retained along with the search results.
16. Transaction List and button components will be auto-adjusted when the window size is changed.