

Integration Test for retrieving transactions to complete a refund:

//insert mock set of transactions in transaction database with transaction IDs that are unique to each receipt file.

Expected input: all transactionIDs in set of mock transactions in transaction DB.

Refund search pseudo code:

```
Refund(int transactionID){
    searchTrans(transactionID);
    getTrans();
    setID();
    setTime();
}
```

Expected output:

Find each transaction id and return the receipt file that is attached to the transaction ID.

System Test for Use Case Clerk Processes a refund:

//use same set of mock transactions in previous test for system test

Expected input: transactionID from employee input.

```
main(){                                //employee chooses which kind of transaction in main;
    Switch
    Case refund:
        loseMoneySadFace();
        break;
    Case purchase;
        getMoneySmile();
        break;
}
Void loseMoneySadFace(){
    cin >> ogtransactionID;
    Refund(transactionID);
    print();                //prints receipt of refund transaction;
}
Void print(){
    Transaction = new trans(getID());
```

Expected output: receipt file from original transaction;

New receipt file inserted into transaction db under same transaction

Refunded bool variable set to TRUE in transaction db