

Re: Running balance from two tables

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2008-08/msg00492.html>

- *From:* "Jeff Boyce" <nonsense@xxxxxxxxxxxxxx>
 - *Date:* Thu, 7 Aug 2008 11:14:48 -0700
-

Hmmm? Just another thought...

If the deposits made are \$\$ coming in and the scans are \$\$ going out, why bother using two tables?

A single table could hold something like:

tblTransaction
TransactionID
PersonID (a foreign key, pointing at the tblPerson record/ID)
Amount
CRDR (credit or debit) (this could be a Yes/No field, like [Credit?])

I'd probably set it up with that last field being something instead like:

TransactionType (a foreign key, pointing to a tlkpTransactionType)

because I might have "deposit by customer", "direct deposit from payroll", "scan", "refund", and any number of other possible transaction types (but that's just me...).

Regards

Jeff Boyce
Microsoft Office/Access MVP

"g2v" <g2v@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:A75FF33E-7D58-492D-A337-817FF03C8C49@xxxxxxxxxxxxxxxxxxxx>

qryEmployeeBalance (query that filters for an employee's card from a drop down)

id – number (autonumber)
employee – number (card code number of the employee's id card)
balanceAddition – currency (the currency amount added)
dateAdded – date field set to now() (the date the money was added)

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qryEmployeeCardSwipeHistory (query that comes from 2 other queries and a table to show)

cardCodeSwipped – number (card code number that the scanner read)
dateAdded – date field set to now() (to show the date it was swipped)
typeOfMeal – 2 digit number (to designate how much it cost and to show on reports)
description – text (verbal description of the meal – breakfast, lunch, dinner)
cost – currency (cost of that meal)

I'm able to put both these queries in DATASHEET VIEW on Access 2007, go to the TOTALS button and show a totals line in the query, but I do not know how to access that and how to reference that so I can have a running balance for my total additions and my total costs and see how much money is in my account.

I'd like to be able to reference it in drop downs. I'd also like to show it on reports.

What I'd love to do with it is have something pop up when the balance is less than \$5 (or some number) so they are alerted to how much money is in their account.

Also then to have it now let them swipe their card if there isn't enough money in their account.

Thanks for your help, time and trouble, hopefully there is a quick answer for this.
Tony

"Jeff Boyce" wrote:

It all starts with the data...

You've described your situation and your preliminary requirements, but what data are you capturing? I can guess that you are capturing [Amount]. Are you also capturing [DateOfAmount]? [EmployeeID]? ...?

"How" depends on what data, and how it is structured (i.e., table structure).

Regards

Jeff Boyce

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Microsoft Office/Access MVP

"g2v" <g2v@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:208BE3E9-C746-4252-A1F2-B5617185BCA0@xxxxxxxxxxxxxxxxxxxx

Using Access 2007.
Cafeteria database.
Trying to show employees how much money is in their
account by having a
running balance of how much money they put in ONE table
compared to how
much
money they spend each time they get a meal. From reading
other posts,
it
looks like I needed to make 2 queries, then make a 3rd query
to do the
math,
but I'm stuck.

I have a table that tracks employee's balances for cafeteria
meals (if
they
enter \$50 today, then \$15 tomorrow, etc)...then a table that
tracks
each
time
they buy a meal in our cafeteria (ranging in price from .50 to
\$2.75 to
\$5).

Now I want to have a running balance for each employee.
Ideally when
they
scan their card, I'd like an if statement or something with
validation
to
show how much they have on screen (like a pop up box – I'd
also like a
pop
up
box to ask the employee if they plan to eat the next meal so
we can
plan
for
food costs, but that's another question for another post
(unless you
know
the
answer here?)).

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First I made a query on employeeBalance table, in datasheet view I went to totals and showed the SUM for balance, then did the same in the other table to make a query for cost on employeeScannedMeals table. At the bottom of both tables in DATASHEET VIEW it shows me the total, but I don't know how to reference that line of totals in a third query. I tried in SQL, but I'm not sure how to do those queries very well and I haven't seen a way to access the SUM/TOTAL line from the query in any part of Access.

How do you build that 3rd query and access that totals field?

I tried from in the design view to use the SUM option of the query and make a new column, but that never did the math on my column, it just repeated the balanceAddition column that had the amount the employee entered, but no total.

Basically I need a way to take all the money and employee puts in their account and all the times they scan their card for a meal, add all of them up and subtract them from their balance to show a total. Either on a report, but PREFERABLY in a drop down or somewhere we can show them how much money they have. It'd be nice to have it automatically alert them when they had

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less than \$5 in their account.

Thanks!

Tony