

RE: Database Confusion

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- *From:* Wayne-I-M <WayneIM@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 13 Aug 2006 09:59:12 -0700
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Hi again

Hmmm...OK now I am more confused.

Why wouldn't a field in the employee table be for what shift the employee belongs too?

I may have misunderstood

I assumed that `shift` referred to a given period between 2 time ie. From `[StartShift]` to `[EndShift]`. Sorry

However if there are more than one person on the `shift` then you really should create a separate table for this.

As an example (from your post). If John and Sally and Mike are all on the same `shift` then you will record the shift details in each of their records.

There is no need for this. Also it may be that even though the 3 of them are on the same `shift` they may have different work patterns, hourly rates, or John may not turn up for work one day, etc, etc, etc. As you can see you need one table for the employees and another one for the `shift` details.

You will almost certainly be better putting in a linking table (as there are many employees and many shifts) this is what is known as a many to many relationship.

Using this method you could record which shifts were worked by which employees.

Name the table `tblLink` and have a minimum of 3 fields

`LinkID`

`EmployeeID`

`ShiftID`

`TaskID` (see last point for this)

Use the relationship page to create the relationships for you.

I am trying to track how many hours each employee worked on each task that day.

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For this you will need at start time and end time. In your query (and so also on your form) you could insert the hours work by each member of the shift (don't forget that with a relational database you can allocate different hours worked to each employee of course you could set as a default that everyone worked the same BUT data base have a habit of growing it is better to build-in options that you may need in future from the outset if you can.

So I am trying to make a form that lists all 25-30 employees (visible all at once) with about 10 fields of different "tasks" they do. (order picking, truck loading, trailer unloading, cleaning, .ect.

You could use (with your new relational data format) a main form with the shift details and then a sub-form detailing how worked on that particular shift. This way if someone fails to turn up for their shift you can easily note this against their name.

There are many many way of denoting with task an employee has done during the shift a couple of common ones would be a dropdown list that you can select from, or (not as good for many items as it would make the form look slightly bloated) you could use check boxes.

I would suggest that you could look at a toggle group (if each employee only performs one task during each shift as you can see I don't understand what you're trying to do. I spend a great deal of time with clients just chatting about the methods prior to even starting a new d Base).

Each employee that was present that day would end up with a total of 8 hours of time in 1 or more task.

This would get entered each day for all employees per shift.

Again you could use a StartTime / EndTime for each task (don't forget that at the moment this is all you want but as it's very simple to do you may as well build in this functionality at the start).

1st I am having trouble displaying ALL the employees for the shift on 1 form. with fields for each employee for the tasks.

You could use a subform for this with the format set to Datasheet this way you can display from 1 employee per shift up to &. Well let just say many thousands.

Maybe I am not thinking of this correctly.

Yes you are. You are looking at a problem and trying to work out the best way to solve it using the available resources (in this case an access data

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base.

Just one point

Assuming that (now or in the future) you may alter the tasks that employees perform during the shifts I would have a tblTask with a link to the shift table to enable you to allocate the tasks on to the shifts

Have a look at Allan Brown s excellent tips on all of these subjects

<http://allenbrowne.com/tips.html>

He also has a school type project here

<http://allenbrowne.com/casu-06.html>

Which I think will be a great help to you

—

Wayne

Manchester, England.

Not an expert.

Enjoy whatever it is you do.

"Sydious" wrote:

Hmmm...

OK now I am more confused.

Why wouldn't a field in the employee table be for what shift the employee belongs too?

I am not trying to track wages. I am trying to track how many hours each employee worked on each task that day.

So I am trying to make a form that lists all 25–30 employees (visible all at once) with about 10 fields of different "tasks" they do. (order picking, truck loading, trailer unloading, cleaning, .ect.

Each employee that was present that day would end up with a total of 8 hours of time in 1 or more task.

This would get entered each day for all employees per shift.

1st I am having trouble displaying ALL the employees for the shift on 1 form with fields for each employee for the tasks.

Maybe I am not thinking of this correctly.

"Sydious" wrote:

I am fairly new to Access and am working on a project for work. I know how to

get around in access but when I try to build the database I get all confused.

I have about 80 – 100 employees I would like to track labor hours for.

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Currently I have a excel Spred sheet that gets filled out every day and saved. Of course now I have tons of these files saved. I want to make an Access database for tracking and saving every day the labor hours used by each individual employee. It will be used by the Group Leaders on 3 shifts who will enter the hours each day. Of course I have lots of plans for it but I can't even get that part of it going.

Can anyone explain or lead me to some info somewhere how I would set this up?

I think I am getting confused with relationships between tables. Not sure if thats whats wrong.

I have 2 Tables.

1 Employees

Feilds:

Employee ID

Name

Shift

2 Labor Hours

Feilds:

EmployeeID

LaborDate

LaborHourType1

LaborHourType2

I put a One to Many Relationship from EmployeeID (Table1) to Employee ID (Table 2)

Above info is just info.

I need help in the concept of putting together this type of databases.

Not sure if anyone will understand this but I seem to be running in circles on my own.

Help!????