

Re: Variable list of values in column

Source:

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From: Roji. P. Thomas (*lazydragon_at_nowhere.com*)

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>>you are storing the same data repeatedly d)
>>people will laugh at you. :)

Even your design stores data repeatedly.
You have only reached 1NF.

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Roji. P. Thomas
SQL Server Programmer
"Kirk Graves" <krigitsoftware@yahoo.com> wrote in message
news:%23Xw6VpL%23DHA.2324@tk2msftngp13.phx.gbl...
> The data structure you need would actually look like this
>
> Table: Project
> Fields: ProjectID
>         Name
>
> Table: Supplier
> Fields: SupplierID
>         Name
>         ProjectID
>
> Table: Part
> Fields: PartID
>         Name
>         ProjectID
>
> using a comma delimited list of values in a a field breaks the first rule
of
> normalization. this just means that a) searching is very difficult b)
> updating is very difficult c) you are storing the same data repeatedly d)
> people will laugh at you. :)
>
> Kirk Graves
> KRGIT Software
>
> "Cameron" <cam_banks@hotmail.com> wrote in message
> news:2cc8a69e.0402211154.7796dcf0@posting.google.com...
> > I've just started to work with databases for a project that requires
> > SQL Server, so I'm learning all of this as I design and develop the
> > application. Anyway I need to create a table that has the following
> > structure
> >
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> >
> > Project
> > {
> >   UniqueID
> >   Name
> >   List of suppliers
> >   List of parts
> > }
> >
> > The two columns "List of suppliers" and "List of parts" are dynamic,
> > so for a given project it is desirable to add and remove "suppliers"
> > and "parts". It is also desirable to construct searches over projects
> > that contain a supplier or part.
> >
> > After some digging it would appear that the best way to store these
> > lists would be comma separated values. So the question I have is how
> > do I construct T-SQL searches and if a part or supplier is removed how
> > does I ensure the lists in the project table are updated.
> >
> >
> > Cheers
> >
> > Cameron
>
>
```