

# Recipes

## Tables:

List of recipes.

- Recipe Region, Recipe source, Food Type, (one to many relationship) one sub table, many recipe table.

Ingredients used.

- Measures, Ingredients (one to many relationship. One to sub table, many to ingredients used table.)

**Enforce relationship** in the Relationship Window, after the tables have been saved and closed.

### List of Recipes

Fields: ID,(Autonumber) Recipe Name,(Text) Recipe Region,(Lookup field) Recipe Source,(Lookup field) Food Type,(Lookup field) Date entered, (Text, input mask) Source Particulars,(Text: 255 characters) Method. (Data-type: Memo) The source particulars can not be part of the Source Table as it may change from recipe to recipe. Thus we can not have one to many relationship. Of these **Recipe Region, Recipe Source and Food Types** are Look Up lists, and should have separate tables.

### Ingredients Used

Fields: ID, (Autonumber) Recipe Number,(this is to be linked in sub-form) Quantity, (Text - you can type words as well as numbers) Measure, (Lookup field) Ingredient,(Look up field) Description. -(Text 255 characters)

Of these, **measures and ingredients** are from separate tables. Prepare subsidiary or look up field tables first, and enter data that you may need.

## Project Recipes

Written by W.J.Pais

---

Generally they should have one ID auto-number and field name, with text. Regions can be areas you like to concentrate on. Sources can be your cookery books, and internet, friends etc. Food Types could be those you like to cook, like beef, mutton, pork, chicken, fish, vegetables etc, masalas, soups, and so on.

Measures are usually, which you use, teacup , teaspoon, grammes, kilograms etc.

Ingredients could have one more field which is a look up field, but with "value list". Values should be entered with in quotation marks, and separated with semicolons. In the Look Up wizard this happens automatically. You can see the finished data later.

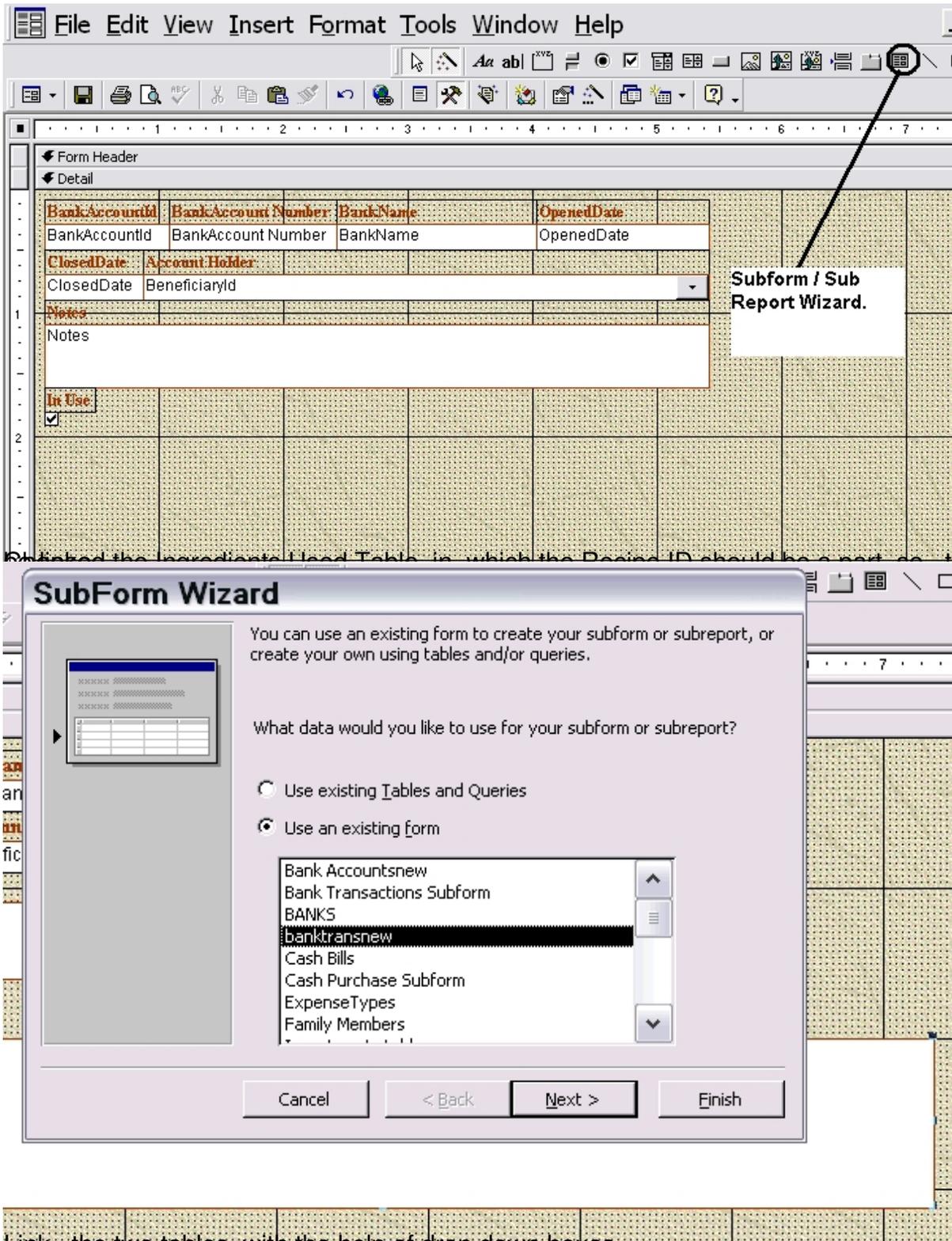
### Procedure:

First prepare the **subsidiary tables**: Region Table, Source Table and Food Type Table. Measure Table, Ingredients Table.

If you want Ingredients to be sorted out, as condiments, plant derivatives, animal derivatives and stable foods, you can make a value list: while creating a Lookup field. This will help you sort the ingredients if you sort, by the types.

Make a **Form with a sub form** for ingredients used. Learn how to do this from the Lesson 2, Forms.

In the main Recipe form, view it in design more, and click on the subform icon and draw a rectangle below the form.



On the table, the immediate Head Table, in which the Design ID should be a part of that it can

Link the two tables, with the help of drop down boxes.



SubForm Wizard dialog box. The title bar reads "SubForm Wizard". The main text asks: "Would you like to define which fields link your main form to this subform yourself, or choose from the list below?". There are two radio buttons: "Choose from a list." (unselected) and "Define my own." (selected). Below are two columns of dropdown menus. The first column is labeled "Form/report fields:" and has "BankAccountId" selected. The second column is labeled "Subform/subreport fields:" and has "Name" selected. A text box contains the preview: "Show Bank Transactions for each record in Bank Accounts using BankAccountId". At the bottom are buttons for "Cancel", "< Back", "Next >", and "Finish".