constraint. Tell how the constraint effects the test schedule. If necessary, you may wish to group the constraints by Test Feature.

STEP 2: Write Detailed Test Plan

A. Identify Test Features

Identify the Test Features you will be testing. Test Features are based on transactions or business *functions* identified during External and Internal Design. A Test Feature will usually have several test Conditions associated with it. For Example, "Add an order to the order database."

D. Identify Conditions to be Tested

Identify each Condition to be tested against the requirements document quantifiable piece of the software function that can be positively verified. Conditions will include inputs, outputs, database updates, screen examples, Conditions of the above Test Feature would be:

1. Accept the order from the Order Entry screen.
2. Validate the account, part number, and quantity.
3. Accept updates from the user on invalid data.
4. …
5. Update the database with the order.

Note: A Condition may belong to more than one Test Feature.

Also identify any risks associated with the Conditions and existing Test Support Reference. Note significant constraints on testing such as test availability and deadlines in the Test Approach.

Regression Testing – If you are making a change to an existing program use regression testing. That is, verify that the *functions* of the program work as they did before the change. One way to do this is to run the program before you make the changes (logging the results) and compare this to a run after the changes are made.

E. Write Test Procedures (for each Test Feature)

Write Test Procedures for each Test Feature stating how to run the test. It may include step-by-step instructions, UDC's required, file statements, navigation, etc.

F. Plan and Create Test Data (for each Test Feature)

Determine and create actual values that the data will contain for each condition.