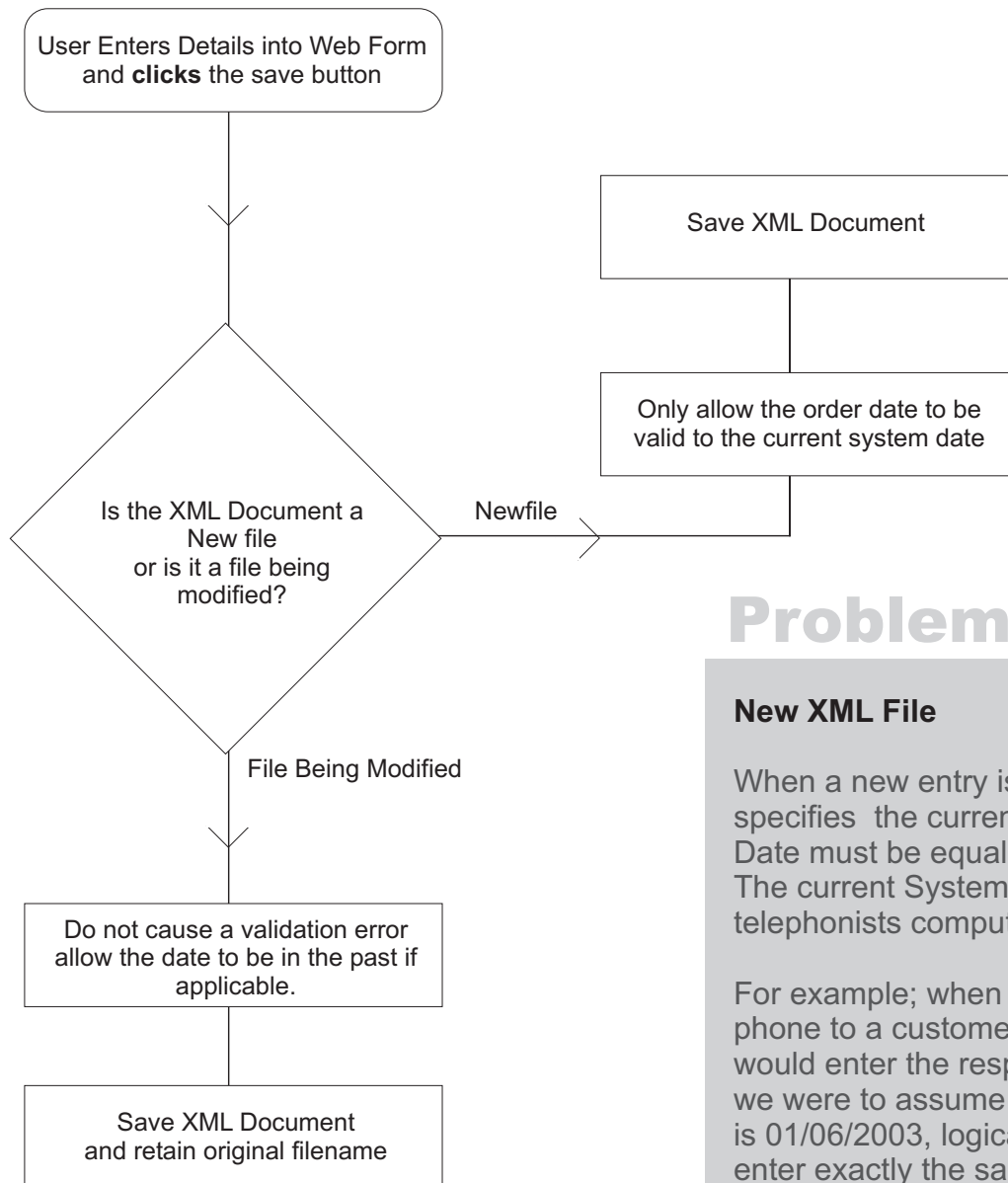


Solution to the Date problem

This Data flow diagram shows how the Date problem was solved.



Problem Description

New XML File

When a new entry is created, the telephonist specifies the current Order Date. The Order Date must be equal to the current system date. The current System Date is the date on the telephonists computer.

For example; when the telephonist is on the phone to a customer taking order details, he/she would enter the respective order information. If we were to assume that the current System Date is 01/06/2003, logically the telephonist must also enter exactly the same date in the Order date field. Should this procedure not be followed, a validation error will occur.

The Author is of the opinion that orders which are taken over the phone and entered into the web application, whilst the customer is on the phone, the order date should be validated accordingly to that of the current date.

The Author is of the assumption that in order for the above aforementioned procedure to work both correctly and effectively, the telephonist must enter the order information into the system right-away and not at a later date.

Modifying an existing XML File

When an existing file is modified, the order date does not have to equal that of the current system date. This will preserve the original order date on file