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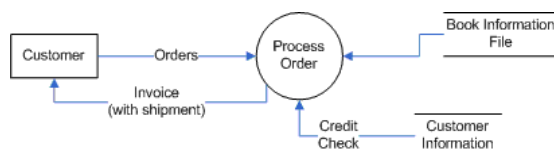
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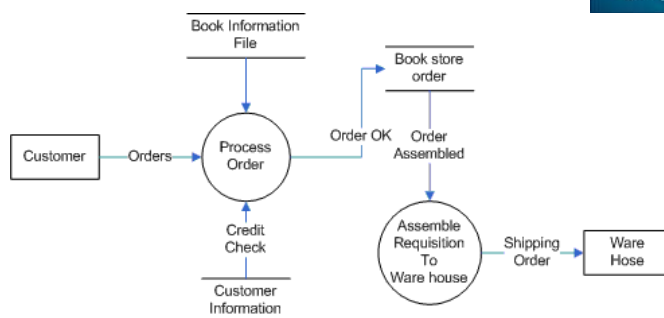
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DFD Example - General Model Of Publisher's Present Ordering System

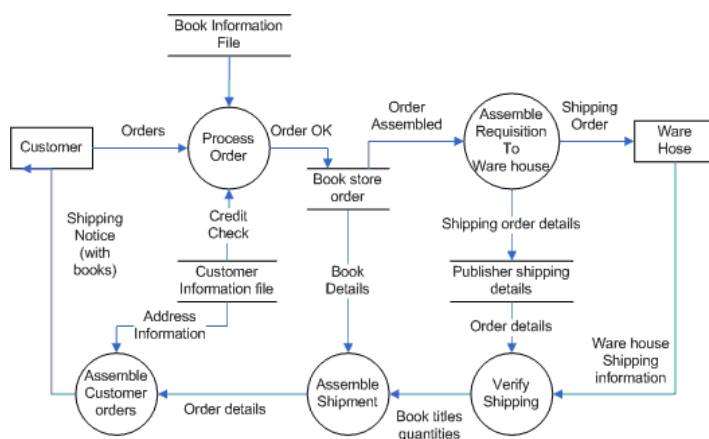
Following are the set of DFDs drawn for the General model of publisher's present ordering system.



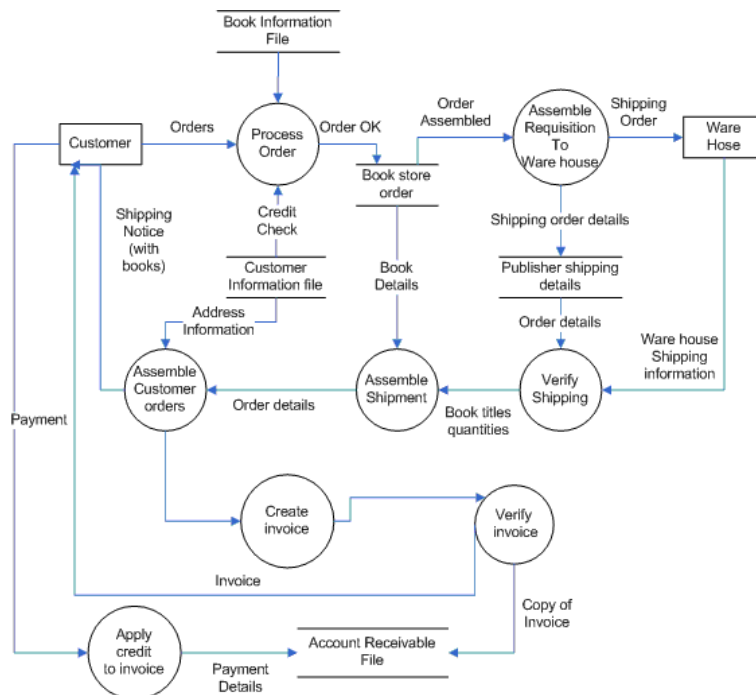
First Level DFD



Second Level DFD - Showing Order Verification & credit check



Third Level DFD - Elaborating an order processing & shipping



Fourth level DFD : Completed DFD, Showing Account Receivable Routine.

From the level one it shows the publisher's present ordering system. Let's expand process order to elaborate on the logical functions of the system. First, incoming orders are checked for correct book titles, author's names, and other information and then batched into other book orders from the same bookstore to determine how many copies can be shipped through the warehouse. Also, the credit status of each bookstore is checked before shipment is authorized. Each shipment has a shipping notice detailing the kind and numbers of books shipped. This is compared to the original order received (by mail or phone) to ascertain its accuracy. The details of the order are normally available in a special file or data store, called "Bookstore Orders". It is shown in the second level DFD diagram.

Following the order verification and credit check, a clerk batches the order by assembling all the book titles ordered by the bookstore. The batched order is sent to the warehouse with authorization to pack and ship the books to the customer. It is shown in the third level DFD diagram.

Further expansion of the DFD focuses on the steps in billing the bookstore shown in the fourth level DFD, additional functions related to accounts receivable.

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