

Business Rules Tier

The business rules tier would include two processes. One process would accept the complete order (dataset/data table) and determine the total sales cost after the sales agent clicked a “completed order” button. It would then return a summary of this information to the second form. The other process would execute when the agent clicks an “approved” button. The process would then determine the commission and create a dataset (there are now additional fields) to be passed to the data tier. The information would then be passed for storage.

Additionally, to make sure order data is valid, methods would be needed to validate the fields received from the interface. The top view of the Business Rules Tier would be the following shown in Figure 2-17.

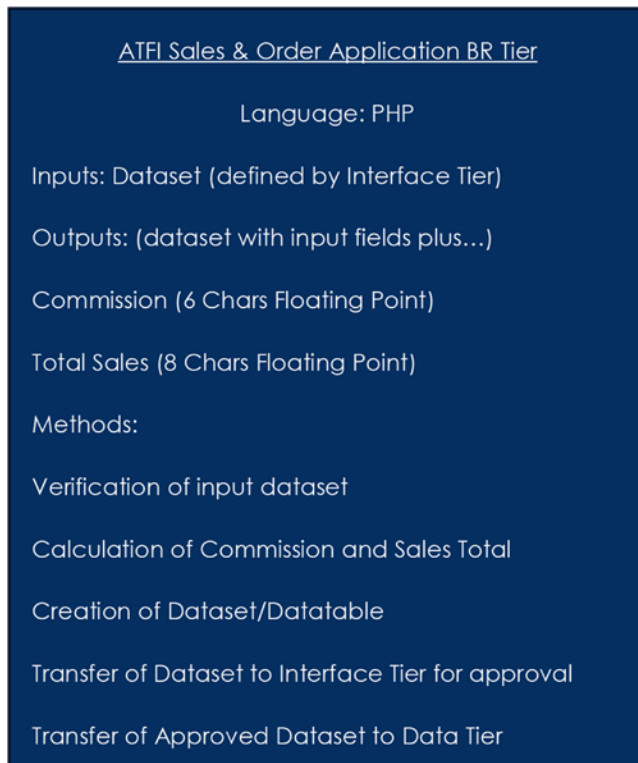


Figure 2-17. Atomic sales and order application business rules tier

Data Tier

In this case, the data tier is only used to store the information provided by the business rules tier. The tier would verify the information received and store it into the database, as shown in Figure 2-18.