\*Peter is able to manage his accounts by querying the database and returning the cost of all stock ordered and deducting it from the total cost of all the sales made.

**Specification 1**

Frankie works in Peter’s Pet shop as a sales clerk. He will be required to make sales on a daily basis.

When a sale occurs he is prompted by the system to enter in a receipt id, animal id, material id, date and customer name. Once an animal has been sold it will need to be marked as sold in the database. This will involve updating the sold field to be true in the animal table where the entered animal id is found. Exceptions will be thrown if invalid data is entered or the animal is listed as sold or diseased.

When an animal is sold, staff are required to sell as much materials associated with the animal as possible. The system needs to decrement the appropriate stock quantity in the stock table of the items that are sold. If no items are sold the staff member will leave the material id prompt as null.

When the transaction is finished the information on the screen will display the receipt id, animal id, animal price, material id, material price, sale date, guarantee period and shots received. This is the receipt that the customer will receive.

The customer’s name is prompted so that a record of who each animal is sold to will be stored in the database.

**Specification 2**

Gary is also a sales clerk at Peter’s Pet shop. Sales Clerks also have the responsibility of taking care of order when they come into the shop. This responsibility includes housing the animals, recording which tank/cage the animal will be housed in and replenishing stock levels.

When an order comes into the shop, Gary will be prompted by the system to enter in the following details:

* Order Number
* Stock ID
* Supplier ID
* Quantity
* Staff ID
* Order Date

The database needs to find out if the item of order is a Material or a Species. For this, the system will use an IF ELSE statement.

IF the order is a Material, Stock levels will need to be replenished. The system will use an UPDATE statement to add the amount of incoming stock from the order to the amount currently in stock.

ELSE if the order is a Species, the animal will need to be