**Online Pet store Problem description:**

The online pet store allows users to order items for their pets. The system displays catalog information to customer. The catalog consists of the categories of pets- dogs, cats, birds. The system asks user to select the pet category. The customer selects the pet category, browses items. The customer selects the items for Pet category from the catalog. System presents detailed information about the items. Customer adds the selected item to a shopping cart. Shopping cart contents is presented to the customer. Customer selects proceed to checkout option. The supplier determines that items are available in inventory to satisfy delivery order. If item is out of stock then the supplier rejects the delivery of that order by asking system to select another supplier. The System reserves the selected items for a customer.

***FR1.1: Log-in***

The Customer clicks the log-in button on the Home Page. The system displays the log-in page. The customer enters his login Id with password. The customer clicks on the confirm button. The system checks that all of the required information was entered. If the entered information is wrong then system asks customer to reenter the details. The system validates the entered information against the tables stored in the database.

**FR1.2: Browse Catalog**

Customer browser has to be linked to supplier catalog Web site before the starting of the process. The Customer requests to browse catalog. System displays login page, Log-in usecase is carried out. If the customer is not registered then the system asks customer to get registered. Customer enters email address with a password. System confirms correct login. If the entered email address with password is incorrect then system shows login error message. The system displays catalog information to customer. The catalog consists of the categories of pets- dogs, cats , birds. The system asks user to select the pet category. The customer selects the pet category, browses items. The customer selects the items for Pet category from the catalog. If Customer does not select any Pet category from the displayed catalog then the system asks customer to browse related items for pets from the catalog. The system displays a list of items with price.

**FR1.3: Place an order**

Customer has to be logged in before placing an order, Log-in usecase is carried out. From the list of items for Pets from catalog, customer selects the items for his Pet. System presents detailed information about the items. Customer adds the selected item to a shopping cart. Shopping cart contents is presented to the customer. Customer selects proceed to checkout option. Customer enters shipping address. System presents shipping options. The customer selects shipping option. System asks which credit/debit card will be used. Customer selects to use the credit card which is stored in the system. If customer wants to use another card for payment then he enters details of that card. System asks for final confirmation to place an order. Customer places an order. System returns confirmation number.

**FR1.4: Process Delivery Order**

A delivery order must exist. The supplier needs to log in , Log-in usecase is carried out. The System displays the delivery order made by customer to supplier. The supplier checks the order. The supplier determines that items are available in inventory to satisfy delivery order. If item is out of stock then the supplier rejects the delivery of that order by asking system to select another supplier. The System reserves the selected items for a customer. The System displays the inventory information to Supplier. The System confirms that the items are reserved to be delivered.

**FR1.5: Check order status**

To check the status of the order, the customer must have placed an order. Customer enters login id with password, Log-in use case is carried out. The system validates the customer. System presents main page. The system displays a list of available options. The customer selects check order status from the list. The system shows all the available orders. If there is no active order, then the system displays a message that no active order is available. The customer selects the order he wants to check for status. The system displays the status of that order. The customer clicks on OK button. The system shows Thank you message.

