STATE DIAGRAM FOR "MENU" OBJECT

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product manager clicks on button to check usability

Usability testing

Accepting proposal from supplier

Supplying to the warehouse

when retailer request

Product manager managing database

Requesting for product

[product expiring]

Storing product details

entry/When the supply approval is final
do/setting the respective product details
exit/The product details are correctly entered in the database

product manager searching in database

Checking for availability

do/getProductByName

Disposing

entry/When checkUsability fails with respect to standards
do/The product is removed from the warehouse
exit/The product is removed from the database

[product available]

need to view all products in warehouse

Listing all products

do/getAllProducts

Supplied to retailer

entry/when the product and required quantity is available
do/the product is approved to be dispatched to retailer
exit/the product is removed from the database