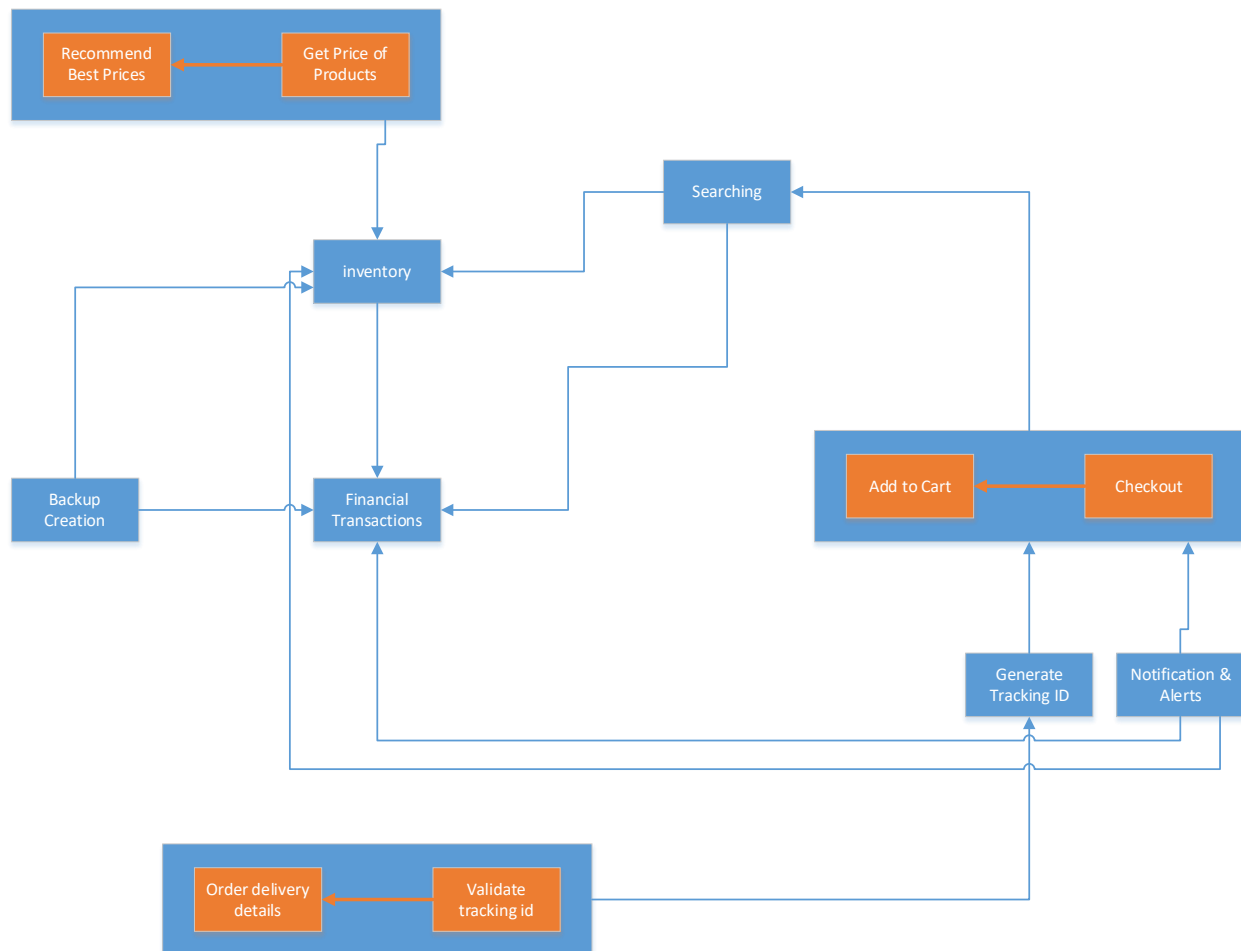


Q: Which Architecture model is used in your project and why?

Ans: In Online Pharmacy Management System Layered Architecture is used. It is because of the reason that there are multiple layers like User Interface Layer, Data layer etc. Each Layer can be used repeatedly.

And the requests are from higher level to lower level. Answers are from lower to higher level. And if there is any change in the inner layer then the outer layer is not affected until there is no change in the interface. And in case of Online Pharmacy Management System incremental approach is used which is supported by Layered Architecture.

Q: Draw block diagram of your project and explain its functionality?



Functionality:

1. First process is inventory which is not dependent on any other process.

2. Searching block is independent on inventory because all the stock is available in inventory and if we need any medicine, we look for that specific medicine through inventory.
3. There is a sub-module of shopping cart, if we find the specific medicine, we add that medicine to our cart, in that same sub-module checkout.
4. That checkout is dependent on add to cart module because if the cart is empty, we do not proceed on the checkout module.
5. Notification / Alert module is dependent on sub-module and inventory module, when something is purchased then a we receive a notification and one notification is sent to the inventory and it updates the inventory record.
6. Generating Tracking ID module is also dependent on sub-module. There is another sub-module which is dependent on tracking id module.
7. In that sub-module order tracking module is dependent on validate tracking id module, when we have the tracking id number then we can only access the order details.
8. Backup Creation module dependent on two modules inventory modules and financial transactions. That module keeps complete backup of the inventory stock and the details about the medicine at which they were sold or purchased.
9. There is another sub-module of prices which is dependent on inventory.
10. In that sub-module recommended price is dependent on price of products because it takes the actual prize of the product then sold it after giving the discount.