Online Medical Catalogue

Triggers: -

1. Warning is issued if Stocks fall below a certain Quantity
2. If Stock Reaches its expiry date, a warning is issued.
3. Amount paid by User must be equal to the Amount billed.
4. Medicine cannot contraindicate itself.
5. Medication cannot cause same Side Effect which the Medicine is supposed to treat.
6. Medicine Type can only be of ‘Tablet’, ‘Capsule’, ‘Syrup’,

‘Powder’, ‘Spray’ or ‘Cream/Gel’.

1. Quantity of medicine ordered should be greater than 0.
2. Order for Medicines can have only sensible status like ‘Pending’ or

‘Delivered’.

1. Restrictions on User Information

* Age must be Greater than 13
* Gender can be Male / Female / Other
* Wallet Amount cannot be negative
* Email must be of valid email format
* Character before ‘@’
* ‘@’ must be present
* Character after ‘@’
* And a domain name like ‘.com’

1. Mode of Payment can be ‘Cash on Delivery’ or ‘Online Banking’
2. User Order status can be ‘Pending’ , ‘Delivered’ or ‘Cancelled’

Transactions: -

1. The Medicine Cart chosen by User must be successfully inserted into our records, failing which the order will not be placed and money added to Wallet.
2. Amount paid by user, amount received and the order placed must match. Otherwise, it will roll-back to previous state.
3. Similarly, for Stocks, the Quantity of Stock delivered by Companies must be added to our stock reserve without any failure.
4. Same is Applicable for Return of Stock to Company i.e. our stock must be depleted by the exact same value as it is being returned to Company.

Users: -

1. Administrator

Can View all Data in the Database. Has Utmost Authority.

1. Database Manager

Can view all Data but cannot modify Transaction Data.

1. Normal User

Has a restricted Access to his/her own User Account Information, Orders Placed etc. and a View of Medicine Catalogue which cannot be modified.

Cannot View Stock Data etc.

1. Pharmacy

Has a restricted Access to his/her own Account Information, Orders Placed etc. and a View of Medicine Catalogue which cannot be modified.

Cannot View Stock Data etc. Discounts are applicable for Bulk Orders.