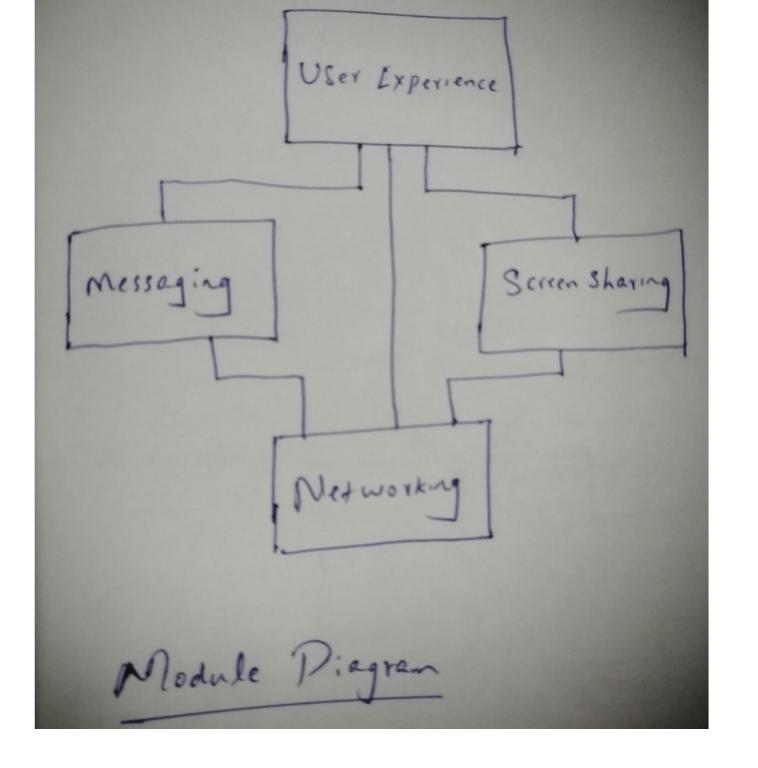
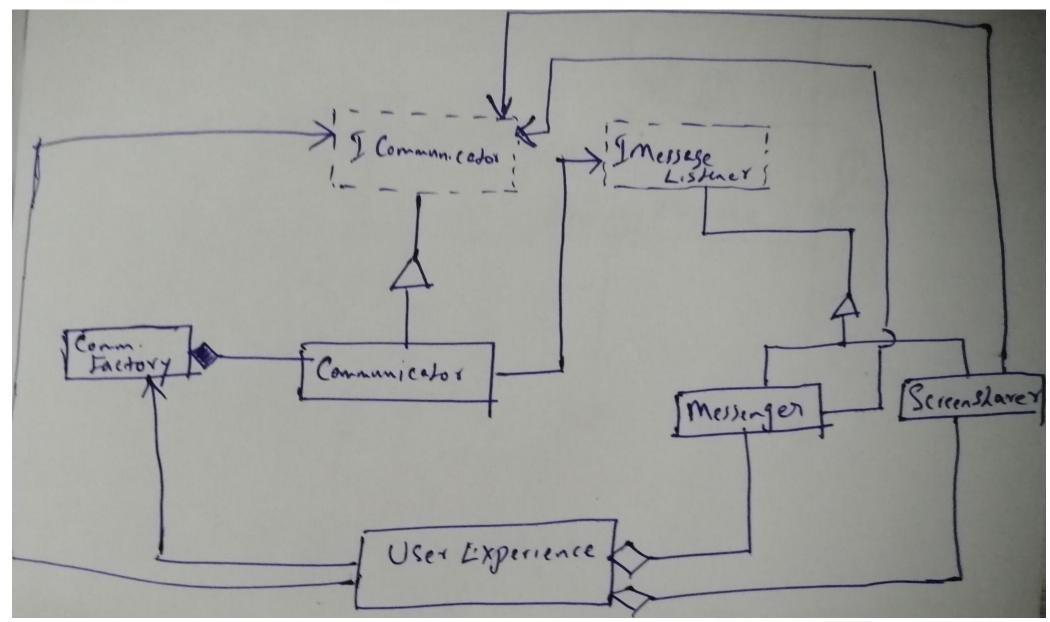
Solution to Q#1



Screnkerry Neproceing Setup & creek Creake Creak Send mesige Gend message southound mesage Receive messe Message Receive Receive message Receive missese reisage Receivemenage Receive missage 1) Hivity Diegram



[We no longer have the CommunicationFactory in our code sample, so please update your class diagram as such]

## Solution to Q#2

ViewModel implements "INotifyPropertyChanged" and calls "OnPropertyChanged(ReceivedText)" to redraw the property. Please note that "OnPropertyChanged" internally simply invokes an event "PropertyChangedEventHandler".

## Solution to Q#3

#1 – Publisher/Subscriber design pattern.

#2 - Delegate.

#3 – Function pointer.