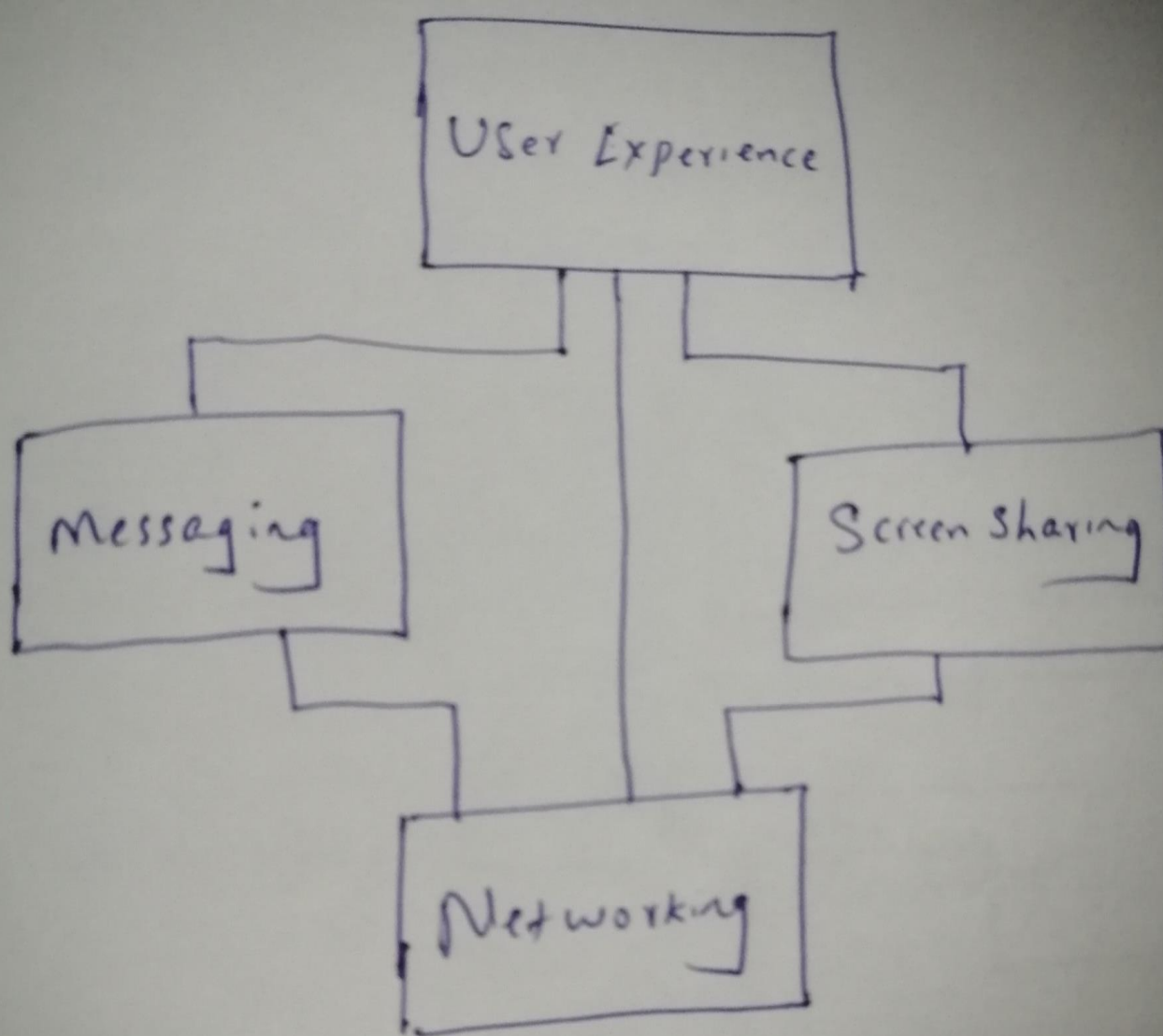
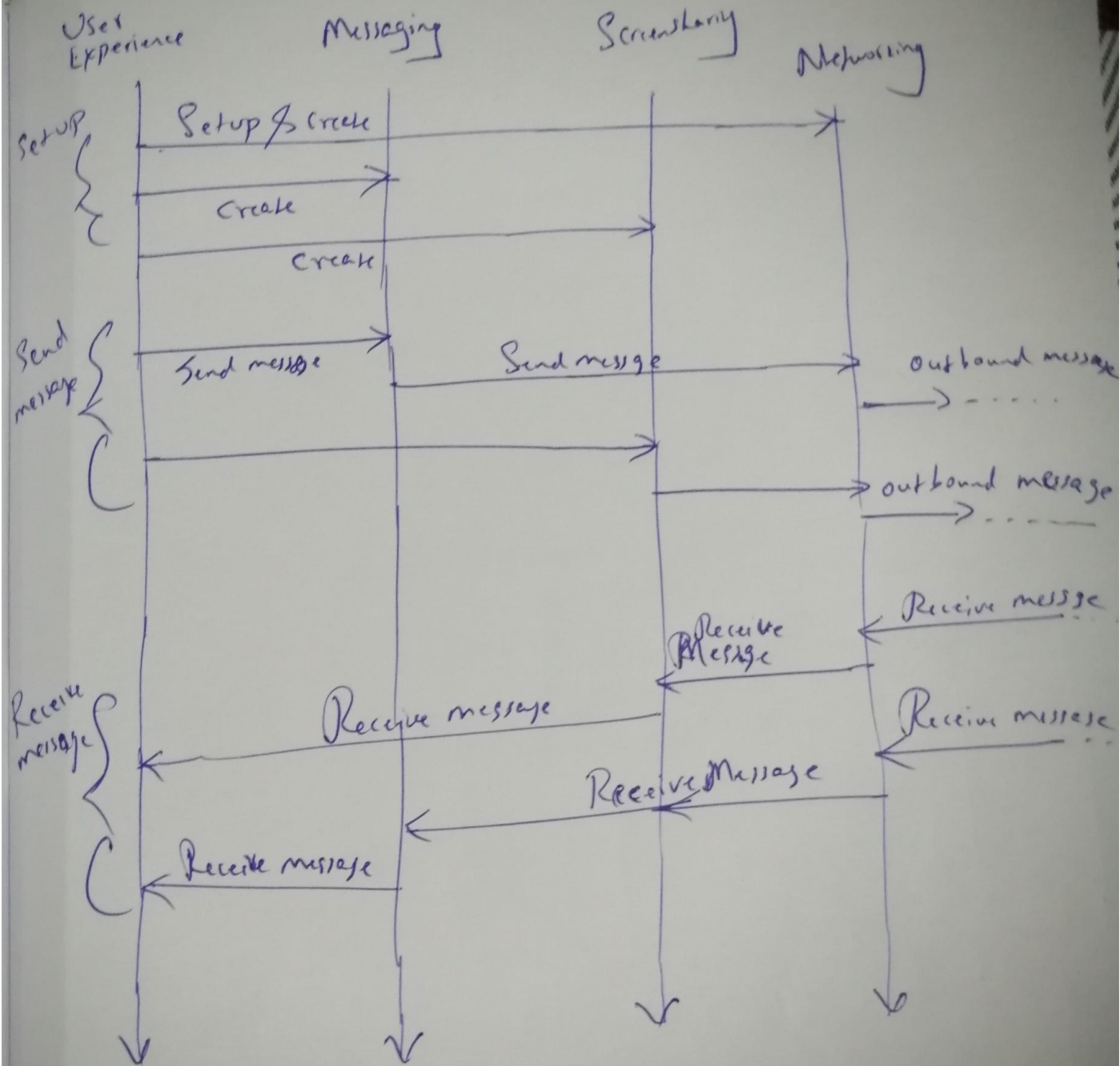


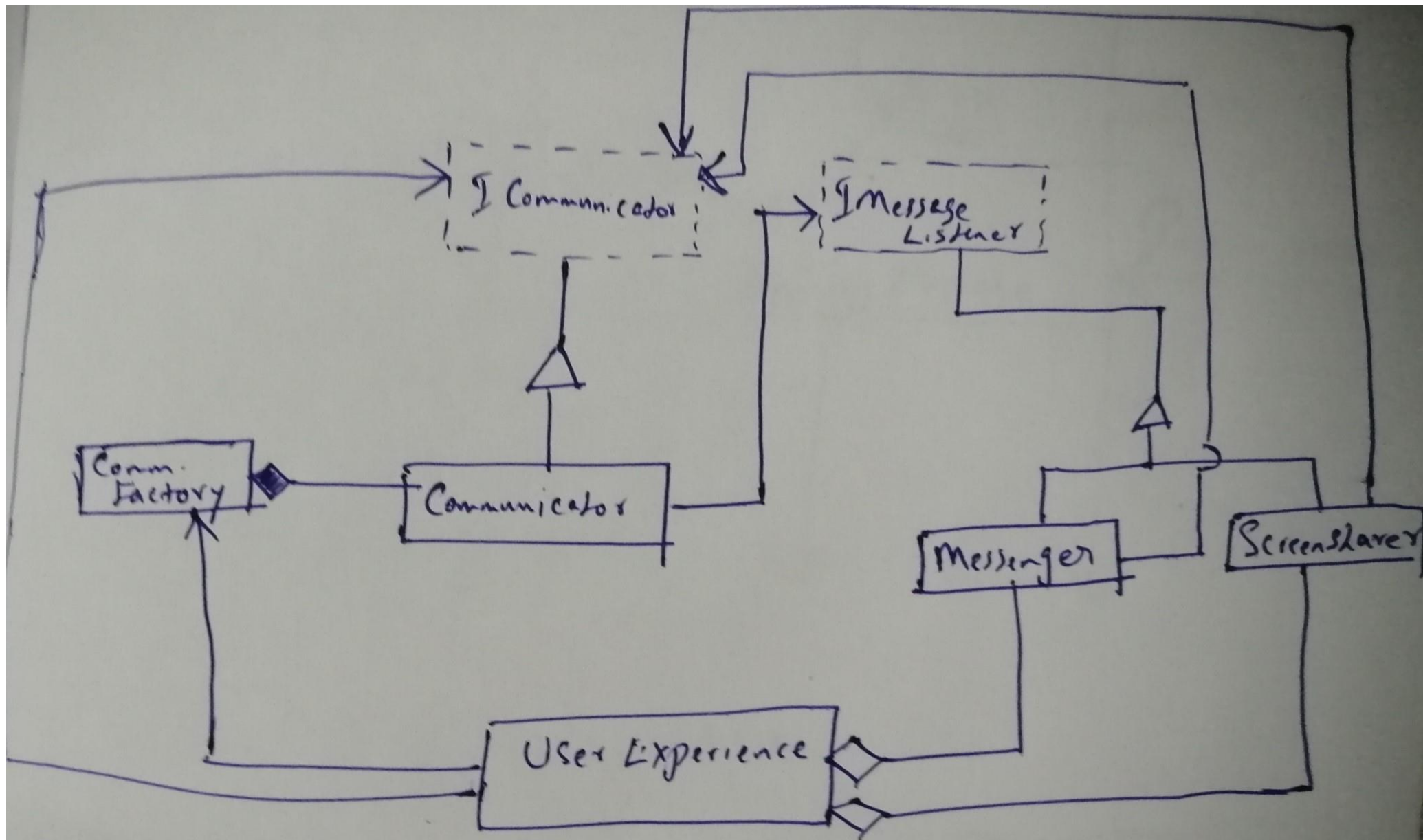
Solution to Q#1



Module Diagram



Activity Diagram



[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.