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Basics of Software Architecture
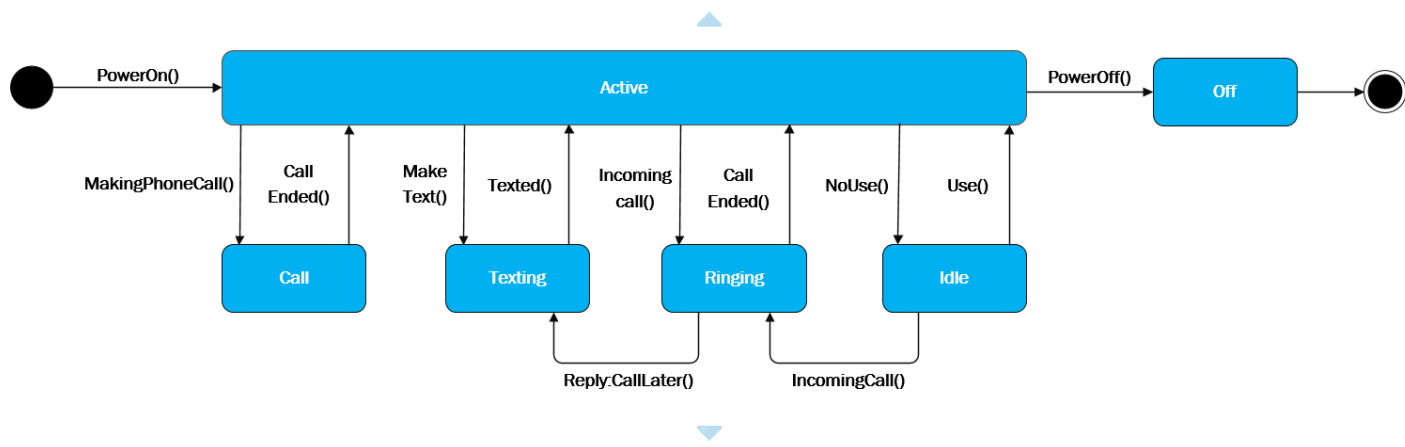
Assignment no 1.6:

Task 01:

Draw a UML state diagram of a mobile phone.

At minimum, it must contain the following states:

●Off

●Idle

●Active

●Ringing

●Call

●texting

Solution: Drawn using Microsoft Visio

PowerOn() Active PowerOff() Off

MakingPhoneCall() Call Ended() Make Text() Texted() Incoming call() Call Ended() NoUse() Use()

Call Texting Ringing Idle

Reply:CallLater() IncomingCall()

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