**Client Commands**

JOIN: ID=”Alice”; UDPPort=3050; OAP/TCP-1.0

BID: ItemNo=123; Value=100; Session=1234; OAP/TCP-1.0

EXIT: Session=1234; OAP/TCP-1.0

**Server Commands (TCP connection)**

WELCOME: Session=1234; OAP/TCP-1.0

ITEM: Code=001; Name=” 2.13GHz Toshiba Laptop delivers fast performance combined with HD entertainment”; Value=123; TimeEnd=07:00:00 pm; dateEnd= 17/02/2014; Message=”Enter a higher value and click Bid”

ITEM: Code=002; Name=” Digital Camera With 17-45mm lens kit”; Value=123; TimeEnd=07:00:00 pm; dateEnd= 17/02/2014; Message=”Enter a higher value and click Bid”

ITEM: Code=003; Name=”2 Slice Stainless Steel Toaster”; Value=123; TimeEnd=11:55:00 PM; dateEnd= 17/02/2014; Message=”Enter a higher value and click Bid”

ITEM: Code=004; Name=” Handset DECT 6.0 Cordless Phone with Caller ID”; Value=123; TimeEnd=10:00:00 PM; dateEnd= 17/02/2014; Message=”Enter a higher value and click Bid”

TOPBID: Session=1234; Message=”You are currently the high bidder”; OAP/TCP-1.0

OUTBID: Session=1234; Message=”You are out bid, enter higher value and re-bid again”; OAP/TCP-1.0

LOSTBID: Session=1234; Message=”You have lost the item”; OAP/TCP-1.0

WINBID: Session=1234; Message=”Congratulations, the item is yours”; OAP/TCP-1.0

**Server Commands (UDP connection)**

IMAGE: Session=1234; OAP/UDP-1.0

ITEM: Code=001; ImageType=JPEG; ImageData

ITEM: Code=002; ImageType=JPEG; ImageData

ITEM: Code=003; ImageType=JPEG; ImageData

ITEM: Code=004; ImageType=JPEG; ImageData

**Example:**

