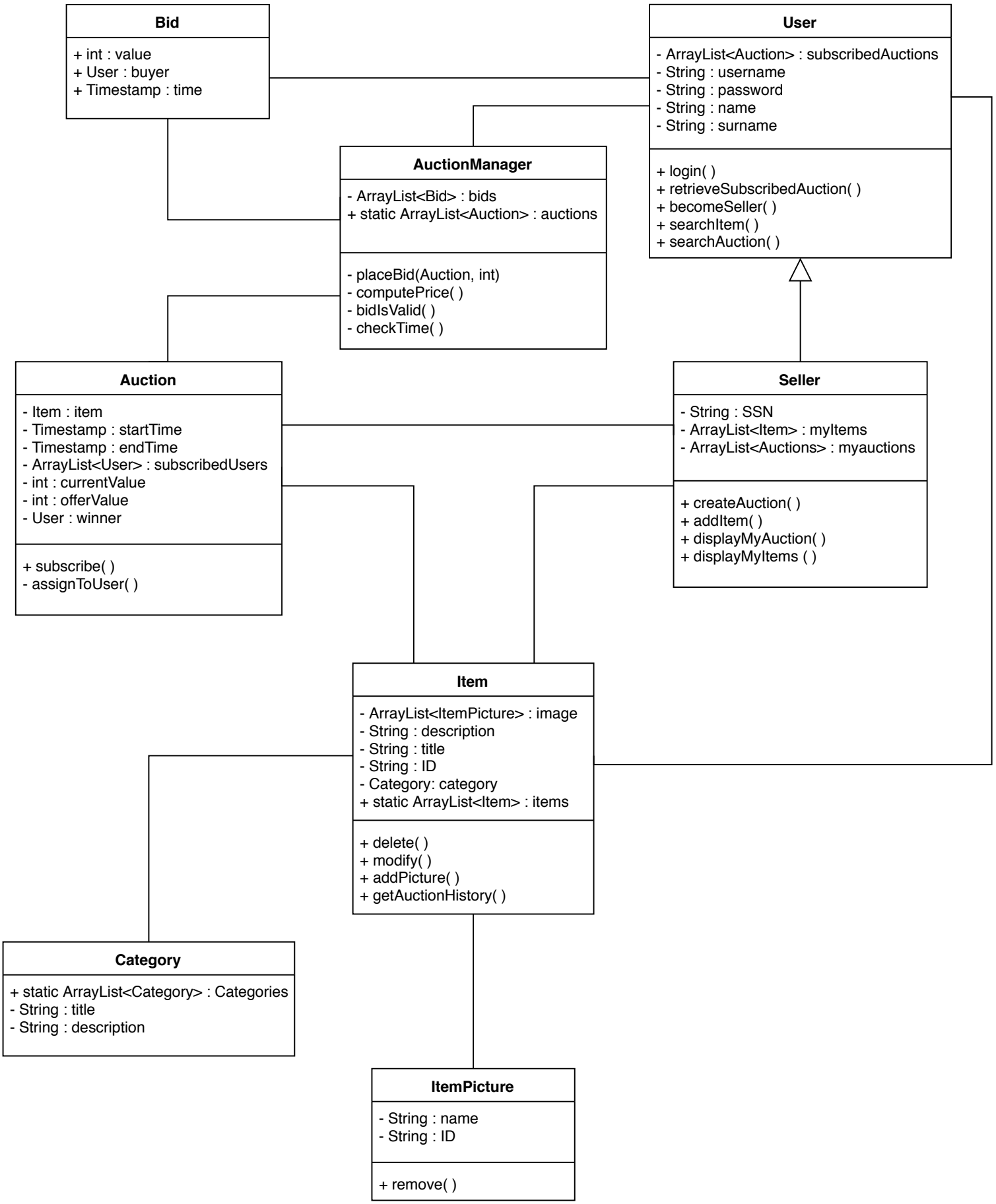
Bid
+ int : value
+ User : buyer
+ Timestamp : time
User
- ArrayList<Auction> : subscribedAuctions
- String : username
- String : password
- String : name
- String : surname
+ login( )
+ retrieveSubscribedAuction( )
+ becomeSeller( )
+ searchItem( )
+ searchAuction( )
AuctionManager
- ArrayList<Bid> : bids
+ static ArrayList<Auction> : auctions
- placeBid(Auction, int)
- computePrice( )
- bidIsValid( )
- checkTime( )
Auction
- Item : item
- Timestamp : startTime
- Timestamp : endTime
- ArrayList<User> : subscribedUsers
- int : currentValue
- int : offerValue
- User : winner
+ subscribe( )
- assignToUser( )
Seller
- String : SSN
- ArrayList<Item> : myItems
- ArrayList<Auctions> : myauctions
+ createAuction( )
+ addItem( )
+ displayMyAuction( )
+ displayMyItems ( )
Item
- ArrayList<ItemPicture> : image
- String : description
- String : title
- String : ID
- Category: category
+ static ArrayList<Item> : items
+ delete( )
+ modify( )
+ addPicture( )
+ getAuctionHistory( )
Category
+ static ArrayList<Category> : Categories
- String : title
- String : description
ItemPicture
- String : name
- String : ID
+ remove( )