

CLASS DIAGRAM

Title
<ul style="list-style-type: none">-itemNo:String-title:String-description:String-price:float-status:String
<ul style="list-style-type: none">setItemNo(itemNo:String)getItemNo()setTitle(title:String)getTitle()setDescription(description:String)getDescription()setPrice(price:float)getPrice()setStatus(status:String)getStatus()+addTitle()+deleteTitle()+showTitleInfo()

Rentals
<ul style="list-style-type: none">-transactionNo:String-customerID:String-itemNo:String-borrowDate:String-returnDate:String
<ul style="list-style-type: none">setTransactionNo(transactionNo:String)getTransactionNo()setCustomerID(customerID:String)getCustomerID()setItemNo(itemNo:String)getItemNo()setBorrowDate(borrowDate:String)getBorrowDate()setReturnDate(returnDate:String)getReturnDate()rentItems()returnItems()showRentalInfo()

Costumer
<ul style="list-style-type: none">-customerID:String-name:String-address:String-telNo:String
<ul style="list-style-type: none">setCustomerID(customerID:String)getCustomerID()setName(name:String)getName()setAddress(address:String)getAddress()setTelNo(telNo:String)getTelNo()addCostumer()editCostumer()deleteCostumer()showCostumerInfo()

Inventory
<ul style="list-style-type: none">-inventoryNo:String-type:String
<ul style="list-style-type: none">setInventoryNo(inventoryNo:String)getInventoryNo()setType(type:String)getType()addInventory()deleteInvetor()

Rentable
<ul style="list-style-type: none">-status:String
<ul style="list-style-type: none">setStatus(status:String)getStatus()

Charges
<ul style="list-style-type: none">-transactionNo:String-lateCharge:String-currentDate:String-returnDate:String
<ul style="list-style-type: none">setTransactionNo(transactionNo:String)getTransactionNo()setLateCharge(lateCharge:String)getLateCharge()setCurrentDate(currentDate:String)getCurrentDate()setReturnDate(returnDate:String)getReturnDate()checkCharges()calculateCharges()showChargesInfo()

Reservations
<ul style="list-style-type: none">-resevationNo:String-costumerID:StringitemNo:String-date:String
<ul style="list-style-type: none">setReservationNo(reservationNo:String)getReservationNo()