

Class Design

Customer	DataHandler	Invoice	COMPANY
<div>static final int customer_ID private String FirstName private String LastName private String Phone private String MiddleName private String MaternalLastName private String Prefix private String Suffix private String Address private String City private String State private int ZipCode</div> <div>Customer() Customer(Customer c) Customer(int id, String fn, String ln, String mn, String mln, String phone, String suffix, String Address) getFirstName() getLastName() getPhone() getMiddleName() getMaternalLastName() getPrefix() getSuffix() getAddress() setFirstName(String fn) setLastName(String ln) setPhone(String ph) setMiddleName(String mn) setMaternalLastName(String mln) setPrefix(String p) setSuffix(String s) setAddress(String ad) equals(Customer c) compareTo(Customer c) toString() clone()</div>	<div>DataHandlerAPI() getAllCustomers() getAllInvoices() getAllChecks() addCustomer(Customer c) addInvoice(Invoice i) addCheck(Check ch) updateCustomer() updateInvoice() updateCheck() deleteCustomer(int custID) deleteInvoice(int InvoiceID) deleteCheck(int checkID) create, update, delete User</div> <div>toString()</div>	<div>static final int invoice_ID private Date invoiceDate private Check[] checksArray private Customer customer private User user</div> <div>Invoice() Invoice(Invoice i) Invoice(Date id, Check[] ca, Customer c, User u) getInvoiceDate() getChecksArray() getCustomer() getUser() setInvoiceDate(Date id) setChecksArray(Check[] ca) setCustomer(Customer c) setUser(User u) compareTo(Invoice i) equals(Invoice i) toString() clone()</div>	<div>private static final Company_ID private String companyName private String Address private String City private String State private int ZipCode getCompanyName() getAddress() getCity() getState() getZipCode()</div>
	<div>Check</div> <div>static final int check_ID private float amount private int checkNumber private int routingNumber private Date checkDate</div> <div>Check() Check(Check c) Check(float amnt, int rn, int cn, Date cd) getAmount() getcheckNumber() getRoutingNumber() getCheckDate() setAmount(float amt) setcheckNumber(int cn) setRoutingNumber(int rn) setCheckDate(Date d) compareTo(Check c) equals(Check c) toString() clone()</div>	<div>User</div> <div>static final int User_ID private string username private string password</div> <div>User() User(User u) User(String u, string p) getUsername() getPassword() setUsername(String u) setPassword(String p) compareTo(User u) equals(User u) toString() clone()</div>	