CRC Cards

OODMain	
Create menu and system objects and call run method.	Menu ShopSystem

I know CRC cards shouldn't have a line down the middle, but it's very hard to do in Word without

Shop System	
Check if a text file exists in current directory.	Employee
	stockItem
Check if an item exists in stock, given its code and return a Boolean/the item itself.	Hire
	Sale
Keep track of stock, sales and hires and update when a transaction is made or an item is returned from hire.	Assistant
	Manager
	HireRecord
Ask if users want each item in their cart to be a sale or hire and update sales/hires/stock accordingly.	
Prompt users to enter item code, date hired and quantity hired to return an item to stock.	
Print details of all stock items	
Write to files	
Read from files	
Print receipt	
Print sales and hires that fall between two given dates	
Check if a start date is before an end date	
Check if a date lies between two other dates	
Validate dates	
Close program if incorrect text files provided	

Employee	
Create Employee object when given name and passcode Return name Return passcode	

Interface	
Display initial log in menu Get names of text files from user Display appropriate menu for assistant/manager Take in code and quantity from user once a transaction is initiated Take in code from user when option to print out item details is selected, and passes it to appropriate method in system Take in dates and selection from user after they select to list sales/hires between two dates	LogManager System stockItem Transaction

LogManager	
Create a LogManagaer object and set LoggedIn boolean to false Return LoggedIn and User data fields Log Out Log in as either assistant or managaer	Employee Manager Assistant

stockItem	
Create a stockItem object and assign it default values or values passed to constructer Accessor and mutater methods Return text description of object data fields	

Hire	
Create Hire object	Sale

Assistant	
Create Assistant object	Employee

Manager	
Create Manager object	Employee

Transaction	
Create transaction object Return transaction dada fields	

HireRecord	
Create HireRecord Object Return date customer returned hired item	Hire

Sale	
Create Sale object Return date sale was made	Transaction