

Project 3: Order inquiry system
40 points
CS614: Web Programming – Dr. Shaffer
Due: March 24, 2004

Using JSP and Java Servlets and the MVC architecture discussed in class, implement an order inquiry system. This system should support both your customers (people who buy your products) and your vendors (people you buy products from) and as much code as possible should be shared between these entities. Here are the business objects at work in this application:

- The database
 - holds list of customers
 - holds list of vendors
 - can look up a customer or vendor by ID (just use a number for the IDs)
- Customers and vendors
 - know their password
 - know the last time they logged into the system
 - holds their list of outstanding “orders” (more on orders below)
- Customer orders have an order date, the description of the item ordered, the quantity ordered and the invoice amount
- Vendor orders are orders you have sent to your vendors...they include the order date, the expected delivery date, the description of the item ordered, the quantity ordered and the quoted price for the order. Vendor orders also keep a record of the current status (`String`) as reported by the vendor.

Your application must contain the following pages (or something better):

- login screen
- order list screen
- order detail screen
- new order screen (customers only)
- order status update screen (vendors only)

You are not required to use a database to implement your solution...you can hardcode a set of starting data in one of your classes and store it in application state so that it can change as people use your application.

When your work is ready to be graded, e-mail the URL where I can play with your application. This project **must be completed by the due date**. No late submissions will be accepted.