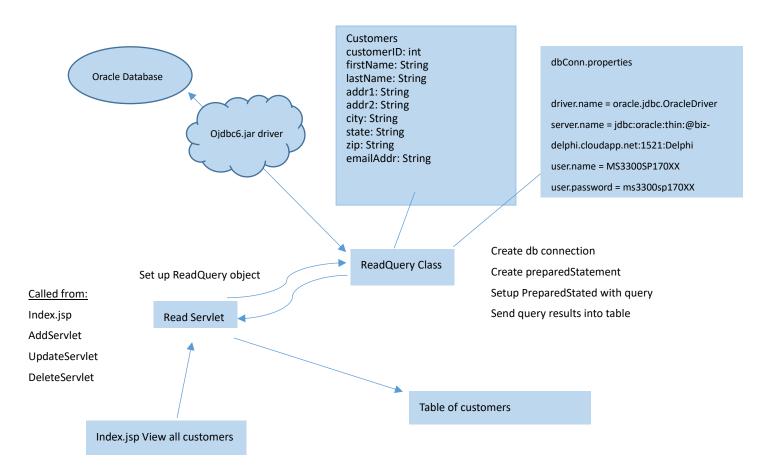
## Read customer data flow



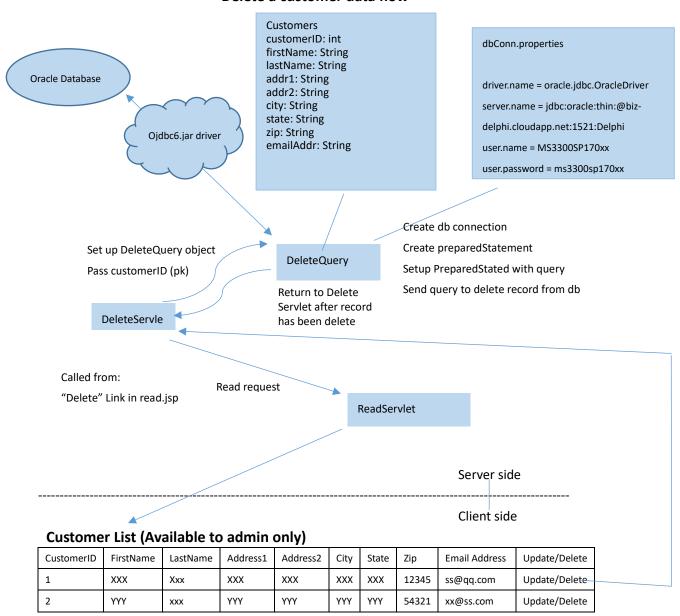
#### Add a customer data flow Customers customerID: int dbConn.properties firstName: String lastName: String addr1: String Oracle Database driver.name = oracle.jdbc.OracleDriver addr2: String city: String server.name = jdbc:oracle:thin:@bizstate: String delphi.cloudapp.net:1521:Delphi zip: String Ojdbc6.jar driver emailAddr: String user.name = MS3300SP170XX user.password = ms3300sp170XX Set up AddQuery object Create db connection Pass firstName, lastName, addr1, addr2, AddQuery Class Create preparedStatement city, state, zip, emailAddr Setup PreparedStated with query AddServlet Return to Add Send query toad record to db Servlet after record has been added Called from: "Add a customer" Read request Link in read.jsp, allow admin to add a ReadServlet customer AddForm Servlet Server side Client side Customer List < CustomerID FirstName Address1 Address2 **Email Address** LastName City State Zip XXXXxx XXXXXXXXXXXX 12345 xx@ss.com 2 YYY YYY YYY YYY YYY 54321 ff@ss.com xxx Add a customer add.jsp **Customer Registration (Available to customers)** First Name Last Name Address1 Address2 City

Clear Submit

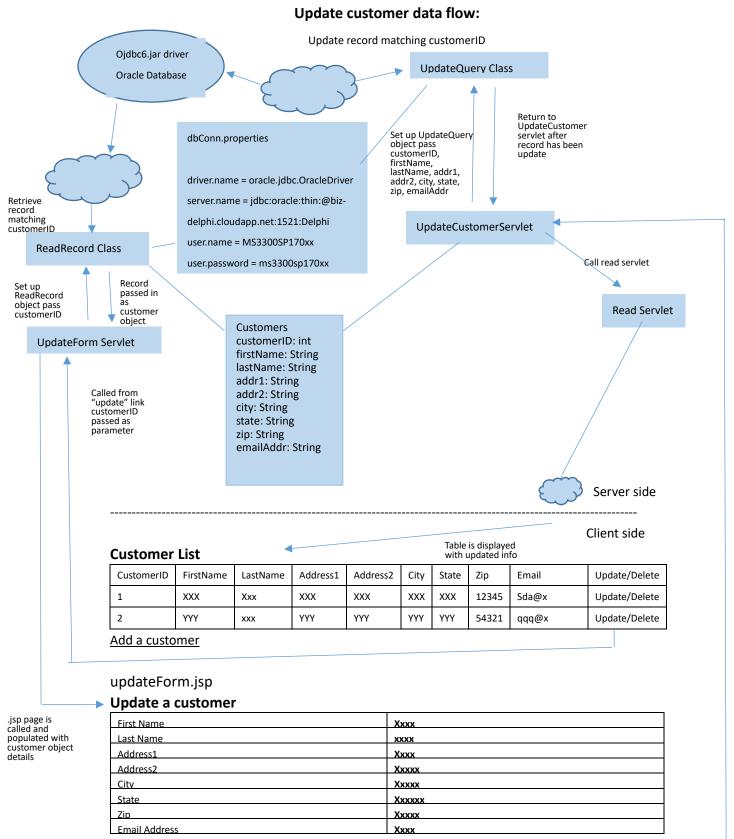
**Email Address** 

State Zip

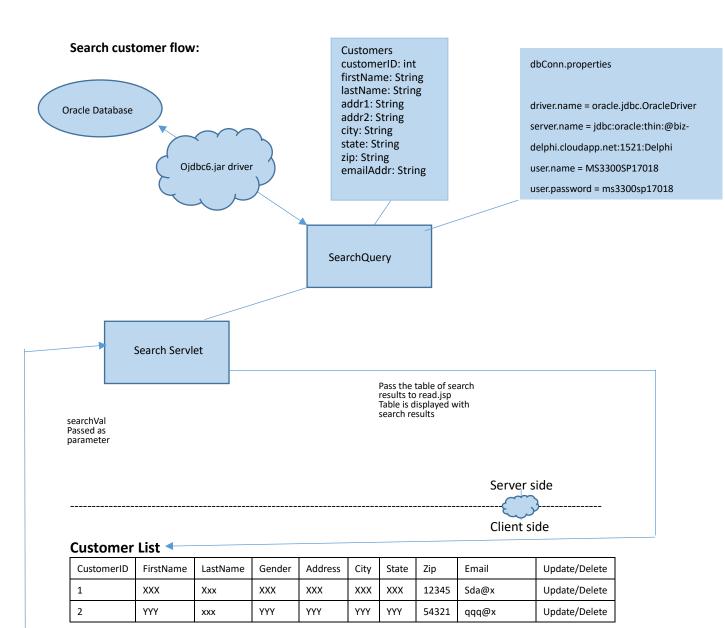
### Delete a customer data flow



Add a customer



Clear Submit



### Add a customer

Search.jsp

### **Search customers**

Search by name

Submit

# **Customer List**

View all customers

Search customers