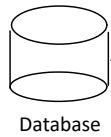


lipsticks
NarsID
Shade.String
Series.String
Price.Int
Rate.Int

```
dbConn.properties

driver.name = oracle.jdbc.OracleDriver
server.name = jdbc:oracle:thin:@biz-delphi.cloudapp.net:1521:Delphi
user.name = MS3300F17013
user.password = ms3300f17013
```



ojdbc6.jar  
driver

AddQuery Class

Create db connection  
Create PreparedStatement  
Set up PreparedStatement with query  
Send query to add record to db

Return to Add Servlet after record has been added.

Set up AddQuery object  
Pass shade, series, price, rate

Add servlet

Read request

Read Servlet

AddForm Servlet

Called from:  
"Add a new lipstick" link in read.jsp

Add.jsp

Server side

Client side

### Nars Lipstick Database

NarsID	Shade	Series	Price	Rate	
1	xx	xxx	12	23	Update Delete
2	yy	yyy	23	34	Update Delete

[Add a new lipstick](#)

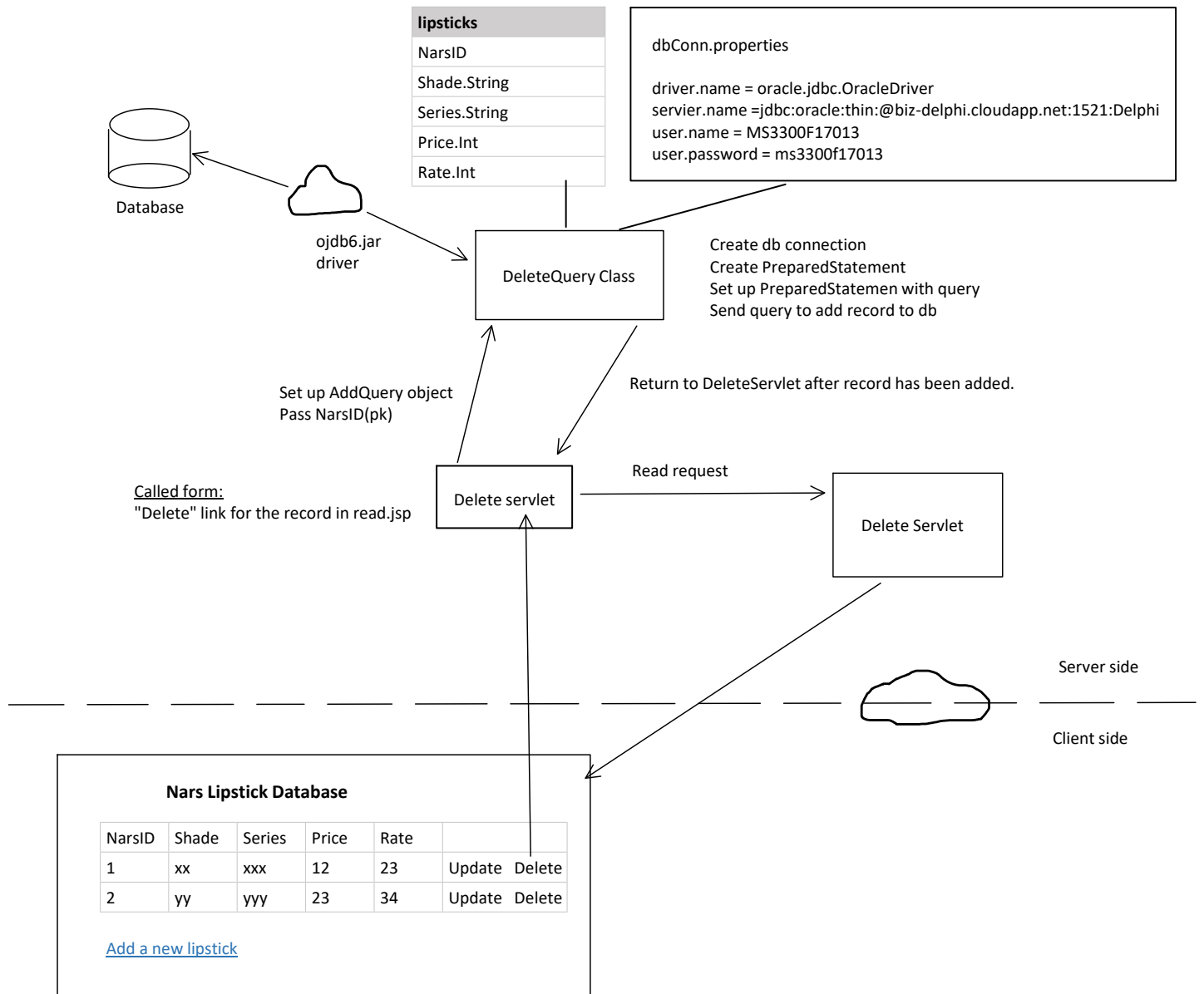
### Add A New Lipstick

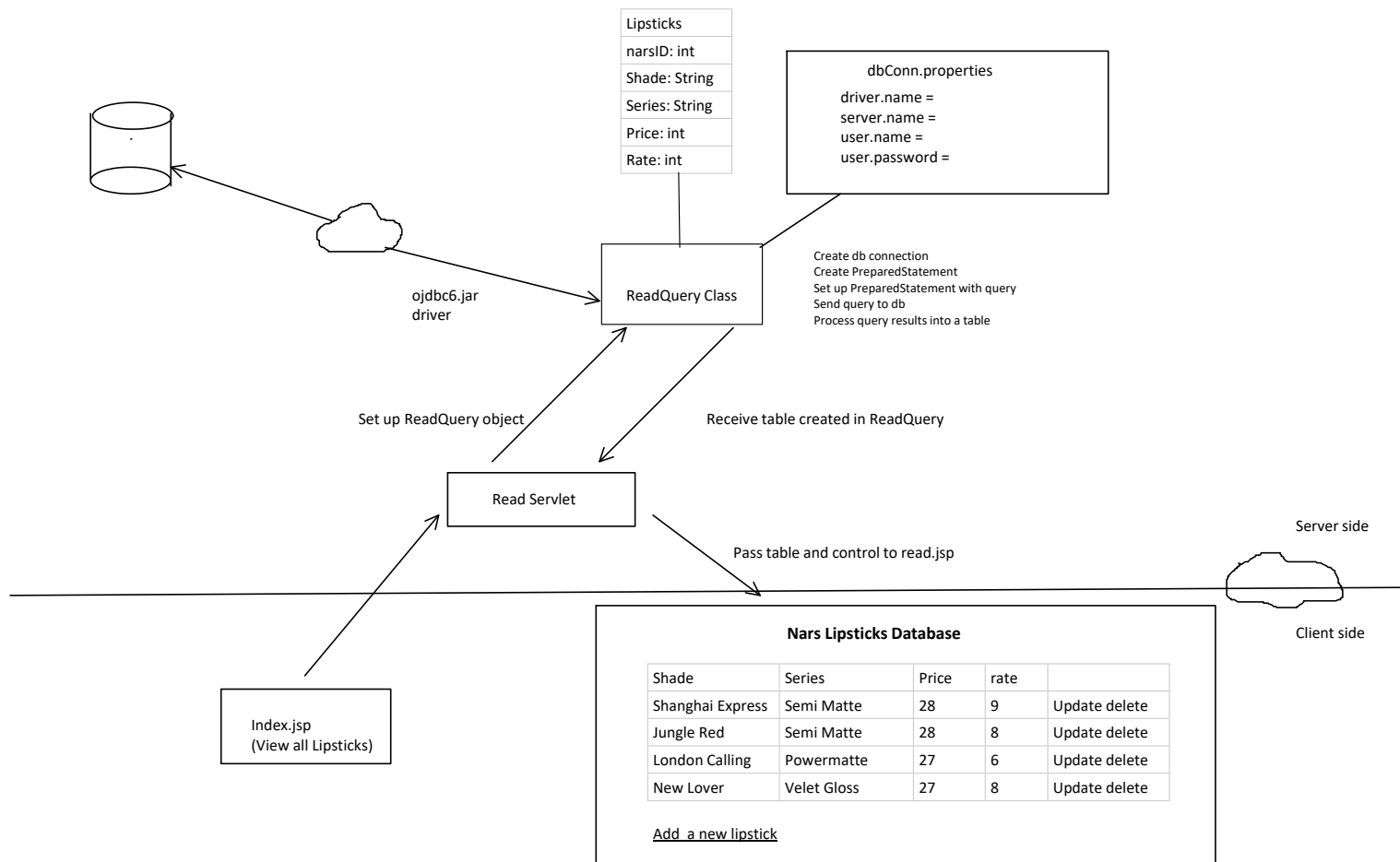
Shade:

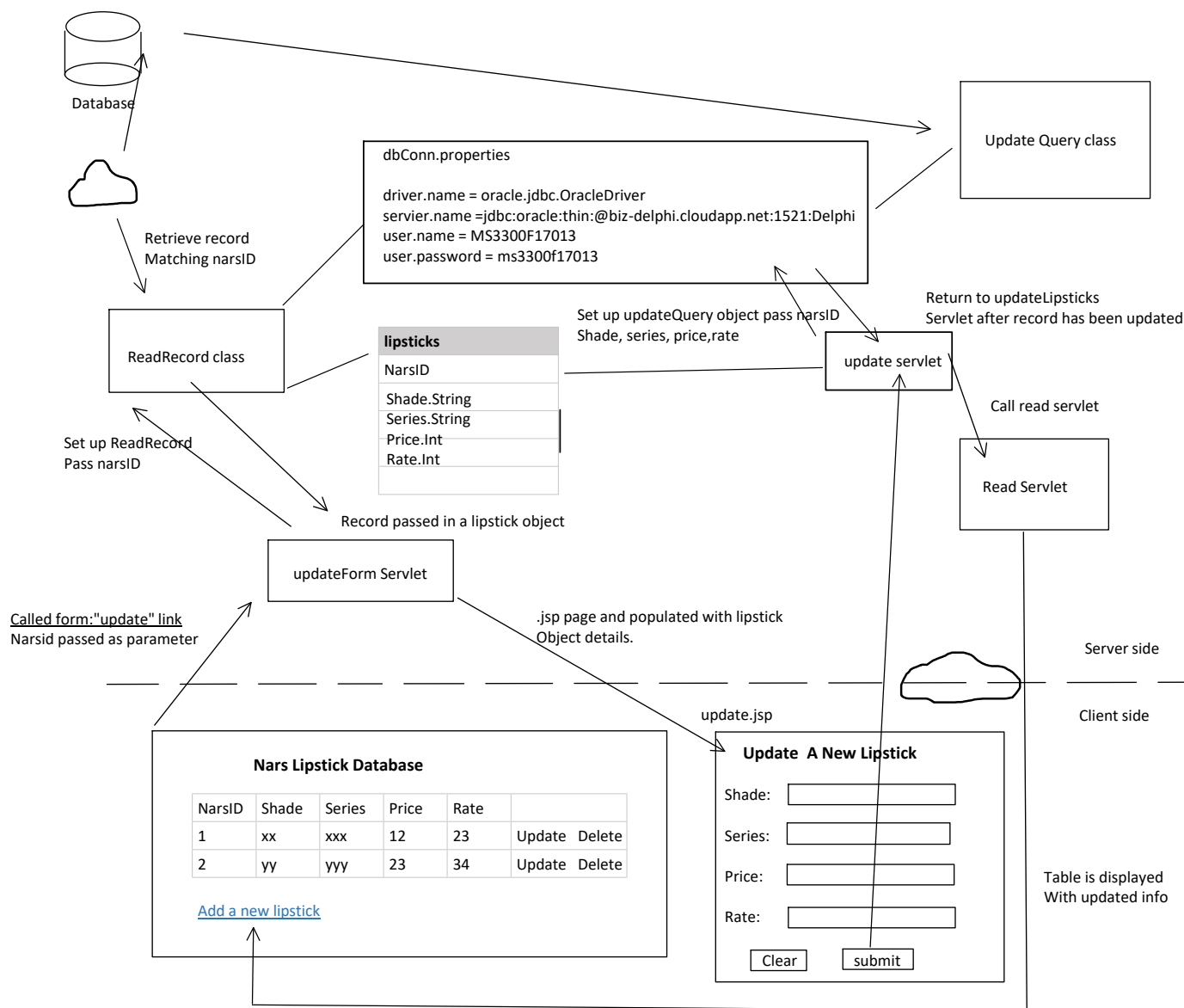
Series:

Price:

Rate:







dbConn.properties

```
driver.name = oracle.jdbc.OracleDriver
server.name =jdbc:oracle:thin:@biz-delphi.cloudapp.net:1521:Delphi
user.name = MS3300F17013
user.password = ms3300f17013
```

lipsticks
NarsID
Shade.String
Series.String
Price.Int
Rate.Int

AddQuery Class

Search servlet

ojdbc6.jar  
driver



AddForm Servlet  
searchVal passed as parameter

Pass the table of search results to read.jsp  
Table is displayed with search results

Server side

Client side


Search.jsp

**Search a lipstick**

Search by Shade:

**Nars lipstick database**

 [View All](#)  
[Search lipsticks](#)

Nars Lipstick Database						
NarsID	Shade	Series	Price	Rate		
1	xx	xxx	12	23	Update	Delete
2	yy	yyy	23	34	Update	Delete
<a href="#">Add a new lipstick</a>						