index.jsp

My Lipsticks Database

View All Lipsticks

read.jsp

My Lipsticks Database

itemID	ProductName	Brand	Color	Price	
1	Xxx	Yyy	Zzz	Aaa	Update **Delete**
2	Xxx	Yyy	Zzz	Aaa	Update Delete
3	Xxx	Yyy	Zzz	Aaa	**Update** Delete

Add a New Lipstick

add.jsp

Add a New Lipstick
ProductName:
Brand:
Color:
Price:

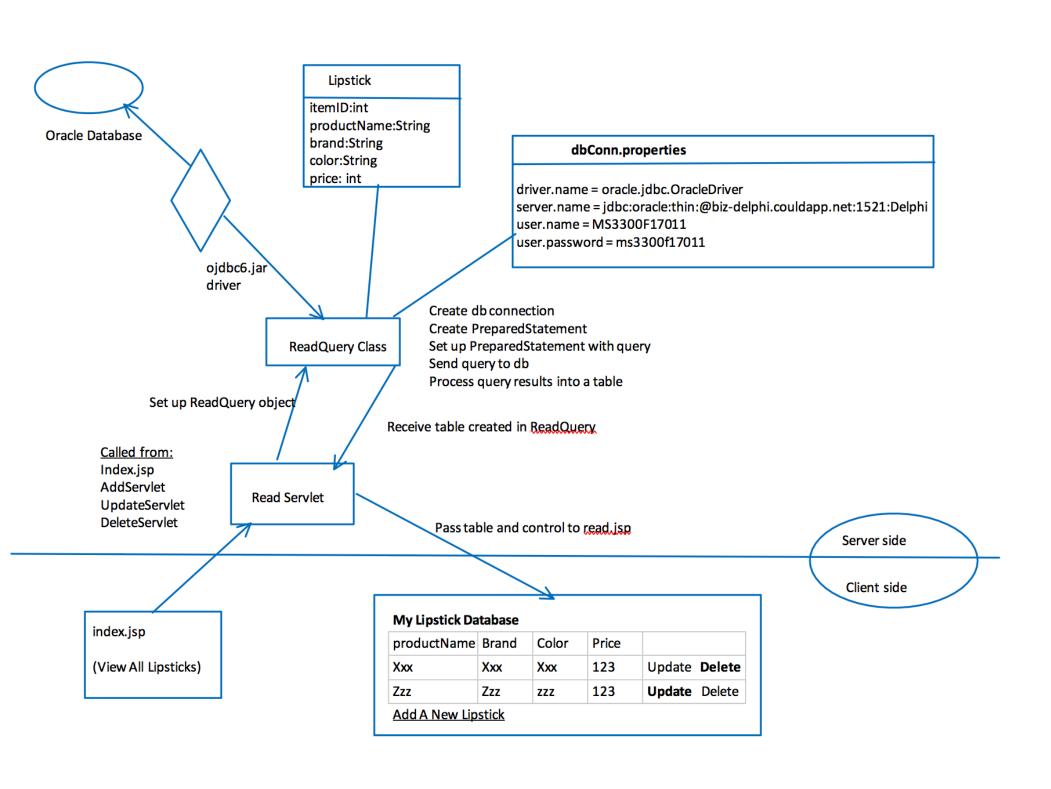Clear   Add

update.jsp

Update a Lipstick
ProductName:
Brand:
Color:
Price:

Clear   Update

Oracle Database

Lipstick

itemID:int
productName:String
brand:String
color:String
price: int

dbConn.properties

driver.name = oracle.jdbc.OracleDriver
server.name = jdbc:oracle:thin:@biz-delphi.couldapp.net:1521:Delphi
user.name = MS3300F17011
user.password = ms3300f17011

ojdbc6.jar
driver

ReadQuery Class

Create db connection
Create PreparedStatement
Set up PreparedStatement with query
Send query to db
Process query results into a table

Set up ReadQuery object

Receive table created in ReadQuery

Called from:
Index.jsp
AddServlet
UpdateServlet
DeleteServlet

Read Servlet

Pass table and control to read.jsp

Server side

Client side

index.jsp

(View All Lipsticks)

My Lipstick Database

productName	Brand	Color	Price		
Xxx	Xxx	Xxx	123	Update	**Delete**
Zzz	Zzz	zzz	123	**Update**	Delete

Add A New Lipstick

Database Diagram

lipstick

[PK]   itemID (number(38))
       productName(varchar2(100))
       brand(varchar2(50))
       color(varchar2(100))
       Price(number(5))

Class Diagram

Lipstick
-itemID:int -productName:String -brand: String -color:String -price:int
+lipstick():void +lipstick(int,String,String,String,int):void +getItemID():void +setItemID():void +getProductName():void +setProductName():void +getBrand():void +setBrand():void +getColor():void +setColor():void +getPrice():void +setPrice():void +ToString():String

← Class name

← Class properties

← Class methods