

Experiment 11: Database Application

Date: 07/04/2017

Project:

This is a Salon Desktop Application. In this application a Salon Manager can maintain the database of the client and calculate the sum, taxes, discount, slip generation in one click. With the help of this application he can provide the new packages to his customer as well as the VIP customer of his salon.

Feature:

1. User Interface so that the employee can enter the data of client(swing).
2. Calculate the Total Of the Client , tax and deduct the discount in one click(core java).
3. Generate the receipt to the client.
4. Maintain the database of the client(using sql and jdbc).
5. Maintain the separate database of the VIP customer whose payment is more than the Rs, 500(trigger performed).
6. In case we accidentally delete the client record from the database we can retrieve it with the help of our recycle bin table(trigger performed)

Software Used:

NetBean, oracle, ojdbc6 , jdk

Language used:

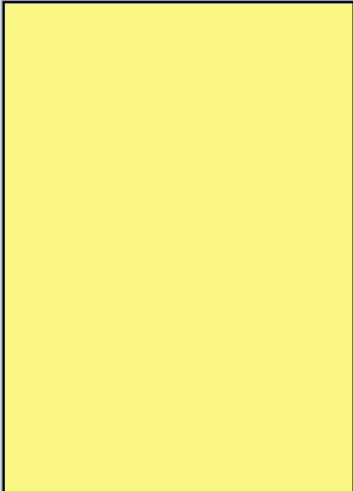
Java, PL/SQL

Implementation:

1. Application UI

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Salon Database Application

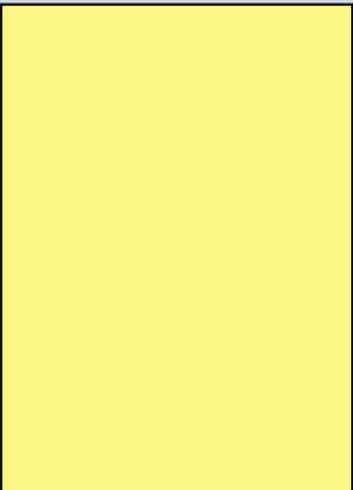
Name	<input type="text"/>	<input type="checkbox"/> Hair	<input type="text"/>	Sub Total	<input type="text"/>	<input type="button" value="print"/> 
Contact	<input type="text"/>	<input type="checkbox"/> Shave	<input type="text"/>	Tax	<input type="text"/>	
Gender	<input type="button" value="Male"/>	<input type="checkbox"/> Mani Cure	<input type="text"/>	Coupon	<input type="text"/>	
Stage	<input type="button" value="Second"/>	<input type="checkbox"/> Paddy Cure	<input type="text"/>	Total	<input type="text"/>	
		<input type="checkbox"/> Neils	<input type="text"/>			
		<input type="checkbox"/> Discount	<input type="text"/>			

Date:13/4/2017 Time:0:26:7

2. Data Entry

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Name	<input type="text" value="Saiful"/>	<input type="checkbox"/> Hair	<input type="text" value="100"/>	Sub Total	<input type="text"/>	<input type="button" value="print"/> 
Contact	<input type="text" value="8826478938"/>	<input type="checkbox"/> Shave	<input type="text"/>	Tax	<input type="text"/>	
Gender	<input type="button" value="Male"/>	<input type="checkbox"/> Mani Cure	<input type="text" value="200"/>	Coupon	<input type="text"/>	
Stage	<input type="button" value="Second"/>	<input type="checkbox"/> Paddy Cure	<input type="text" value="300"/>	Total	<input type="text"/>	
		<input type="checkbox"/> Neils	<input type="text" value="100"/>			
		<input type="checkbox"/> Discount	<input type="text" value="150"/>			

Date:13/4/2017 Time:0:27:59

3. On click Event: Total

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Name: <input type="text" value="Saiful"/>	<input type="checkbox"/> Hair: <input type="text" value="100"/>	Sub Total : <input type="text" value="700"/>	<div><div>print</div><div><p>Name :Saiful Contact :8826478938 Sub Total:700 Tax :87 Discount :150 Total :637 Thanks to coming us. Have a Nice Day White Moon Salon</p></div></div>
Contact: <input type="text" value="8826478938"/>	<input type="checkbox"/> Shave: <input type="text"/>	Tax : <input type="text" value="87"/>	
Gender: <input type="button" value="Male"/>	<input type="checkbox"/> Mani Cure: <input type="text" value="200"/>	Coupon : <input type="text" value="150"/>	
Stage: <input type="button" value="Second"/>	<input type="checkbox"/> Paddy Cure: <input type="text" value="300"/>	Total : <input type="text" value="637"/>	
	<input type="checkbox"/> Neils: <input type="text" value="100"/>		
	<input type="checkbox"/> Discount: <input type="text" value="150"/>		

Total

Reset

Edit

Delete

EXIT

1 customer added in the database

Date:13/4/2017 Time:0:29:34

4. On click Event Reset

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Name: <input type="text"/>	<input type="checkbox"/> Hair: <input type="text"/>	Sub Total : <input type="text"/>	<div><div>print</div><div></div></div>
Contact: <input type="text"/>	<input type="checkbox"/> Shave: <input type="text"/>	Tax : <input type="text"/>	
Gender: <input type="button" value="Male"/>	<input type="checkbox"/> Mani Cure: <input type="text"/>	Coupon : <input type="text"/>	
Stage: <input type="button" value="Second"/>	<input type="checkbox"/> Paddy Cure: <input type="text"/>	Total : <input type="text"/>	
	<input type="checkbox"/> Neils: <input type="text"/>		
	<input type="checkbox"/> Discount: <input type="text"/>		

Total

Reset







Edit

Delete







EXIT

Date:13/4/2017 Time:0:30:20

Customer Database:

Columns	Data	Model	Constraints	Grants	Statistics	Triggers	Fla
     	Sort..	Filter:					
	NAME	MOB	TOTAL				
1	Uzma	843396726	350				
2	Zaid	8755000777	287				
3	Mini	9760972124	225				
4	Saiful	8826478938	637				
5	Abdul	8755000777	737				

VIP client table:

Columns	Data	Model	Constraints	Grants	Statistics	Triggers	Fla
     	Sort..	Filter:					
	NAME	MOB	EDATE				
1	Saiful	8826478938	13-04-17				
2	Abdul	8755000777	13-04-17				

Delete Event: Delete 843936726

The screenshot shows a web application interface for deleting an event. A modal dialog box titled "Input" is open, prompting the user to "Enter the customer Mobile Number". The input field contains the number "843936726". The background shows a form with various input fields and checkboxes. The form includes fields for "Sub Total", "Tax", and "Coupon". There are also checkboxes for "Hair", "Shave", "Mani Cure", "Paddy Cure", "Neils", and "Discount". The form has buttons for "Reset", "Edit", and "Delete". The date and time are displayed at the bottom: "Date:13/4/2017 Time:0:39:14".

Client will not be in the customer database. How ever we can retrieve his information from the recycle bin table if needed.

Recycle Bin Table:

	NAME	MOB	TOTAL	DELETE_DATE
1	Rahila	9997576211	737	13-04-17
2	Uzma	843396726	350	13-04-17

ON click Event: Exit

Application will be close and commit the changes to the database.