

2. Customer Details

The screenshot shows a Java Swing window with a blue title bar and a menu bar containing 'Master', 'Sale', and 'Reports'. The main content area is light gray and contains a form with four text input fields labeled 'C_ID', 'C_Name', 'C_Address', and 'C_Phone'. Below the form are four buttons: 'ADD', 'DELETE', 'UPDATE', and 'CLOSE'. At the bottom, there is a table with four columns: 'C_ID', 'C_Name', 'C_Address', and 'C_PhoneNo'. The table is currently empty.

C_ID	C_Name	C_Address	C_PhoneNo
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IMPORTS :-

```
import java.sql.* ;  
import javax.swing.JOptionPane;  
import javax.swing.table.DefaultTableModel;
```

PRIVATE VOID TO GETDATA IN TABLE :-

```
private void GetData()
{
    DefaultTableModel mod= (DefaultTableModel)ctbl.getModel();
    while(mod.getRowCount()>0)
        mod.removeRow(0);
    try
    {
        Class.forName("java.sql.Driver");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/domino
s","root","");
        Statement stmt = con.createStatement();
        String query="Select * from coustomer_master ;" ;
        ResultSet rs= stmt.executeQuery(query);

        while(rs.next()) {
            String ccode = rs.getString("C_id") ;
            String cname = rs.getString("Coustomer_name") ;
            String cadd = rs.getString("Address") ;
            String cphone = rs.getString("phone_no") ;

            mod.addRow(new Object[] {ccode,cname,cadd,cphone});
        }

        rs.close() ;
        stmt.close();
        con.close();
    }
    catch(Exception e) {
        JOptionPane.showMessageDialog(null,"Error in connectivity") ;
    }
}
```

INTERNAL FRAME FORM ACTIVATED

```
private void  
formInternalFrameActivated(javax.swing.event.InternalFrameEvent evt) {  
    // TODO add your handling code here:  
    GetData();  
}
```

PRIVATE VOID TO CLEAR

```
private void Clear()  
{  
    C1.setText("");  
    C2.setText("");  
    C3.setText("");  
    C4.setText("");  
}
```

PRIVATE VOID FOR MOUSECLICK IN TABLE :-

```
private void ctblMouseClicked(java.awt.event.MouseEvent evt) {  
    // TODO add your handling code here:  
  
    DefaultTableModel mod= (DefaultTableModel)ctbl.getModel();  
    int row=ctbl.getSelectedRow();  
  
    C1.setText(mod.getValueAt(row,0).toString());  
    C2.setText(mod.getValueAt(row,1).toString());  
    C3.setText(mod.getValueAt(row,2).toString());  
    C4.setText(mod.getValueAt(row,3).toString());  
}
```

CODING OF ADD BUTTON:-

```
try {
    Class.forName("java.sql.Driver");
    Connection con=
    DriverManager.getConnection("jdbc:mysql://localhost:3306/dominos","r
oot","");

    String query="Insert into coustomer_master values
    (" +C1.getText()+"," +C2.getText()+"," +C3.getText()+"," +C4.getText()+")";

    Statement stmt = con.createStatement() ;
    int no=stmt.executeUpdate(query);
    if(no>0)
        JOptionPane.showMessageDialog(null,"Record add");
    else
        JOptionPane.showMessageDialog(null,"Record not added.");
    stmt.cancel();
    con.close();
}
catch(Exception e) {
    JOptionPane.showMessageDialog(null,"Error in
connectivity"+e.getMessage().toString());
}

GetData();
Clear();
```

CODING OF UPDATE BUTTON:-

```
try {
    Class.forName("java.sql.Driver");
    Connection con=
    DriverManager.getConnection("jdbc:mysql://localhost:3306/dominos","r
oot","");

    String query = "update coustomer_master set coustomer_name='"+
    C2.getText() + "','Address='"+ C3.getText() + "','phone_no='"+ C4.getText()
    +" where c_id='"+ C1.getText()+"'";

    Statement stmt = con.createStatement() ;
    int no=stmt.executeUpdate(query);
    if(no>0)
        JOptionPane.showMessageDialog(null,"Record updated");
    else
        JOptionPane.showMessageDialog(null,"Record not updated.");
    stmt.cancel();
    con.close();
}
catch(Exception e) {
    JOptionPane.showMessageDialog(null,"Error in
connectivity"+e.getMessage().toString());
}
GetData();
Clear();
```

CODING OF DELETE BUTTON:-

```
try {
    Class.forName("java.sql.Driver");
    Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/dominos","r
oot","");

    String query = "delete from coustomer_master where c_id='" +
C1.getText() + "'" ;
    Statement stmt = con.createStatement() ;
    int no=stmt.executeUpdate(query);
    if(no>0)
        JOptionPane.showMessageDialog(null,"Record deleted");
    else
        JOptionPane.showMessageDialog(null,"Record not deleted.");
    stmt.cancel();
    con.close();
}
catch(Exception e) {
    JOptionPane.showMessageDialog(null,"Error in
connectivity"+e.getMessage().toString());
}
GetData();
Clear();
```

CODING OF CLOSE BUTTON:-

```
this.dispose();
```

OUTPUT :-

The screenshot shows a software application window with a menu bar containing 'Master', 'Sale', and 'Reports'. Below the menu bar is a toolbar with a small icon. The main area contains a form with four input fields: 'C_ID' with the value '6', 'C_Name' with 'Ajay', 'C_Address' with 'Mahananda Nagar', and 'C_Phone' with '2514203'. Below these fields are four buttons: 'ADD', 'DELETE', 'UPDATE', and 'CLOSE'. At the bottom of the form area is a table with four columns: 'C_ID', 'C_Name', 'C_Address', and 'C_PhoneNo'. The table contains five rows of data. An orange 'Message' dialog box is overlaid on the bottom of the window, displaying an information icon, the text 'Record add', and an 'OK' button.

C_ID	C_Name	C_Address	C_PhoneNo
1	Vijay	Sethi Nagar	2514270
2	Jay	Freeganj	2514567
3	Sushil	V.D.Market	2534170
4	Sanjay	11 Subhash nagar	2514272
5	Rakesh	Tripti Vihar	2514263

Message

Record add

OK