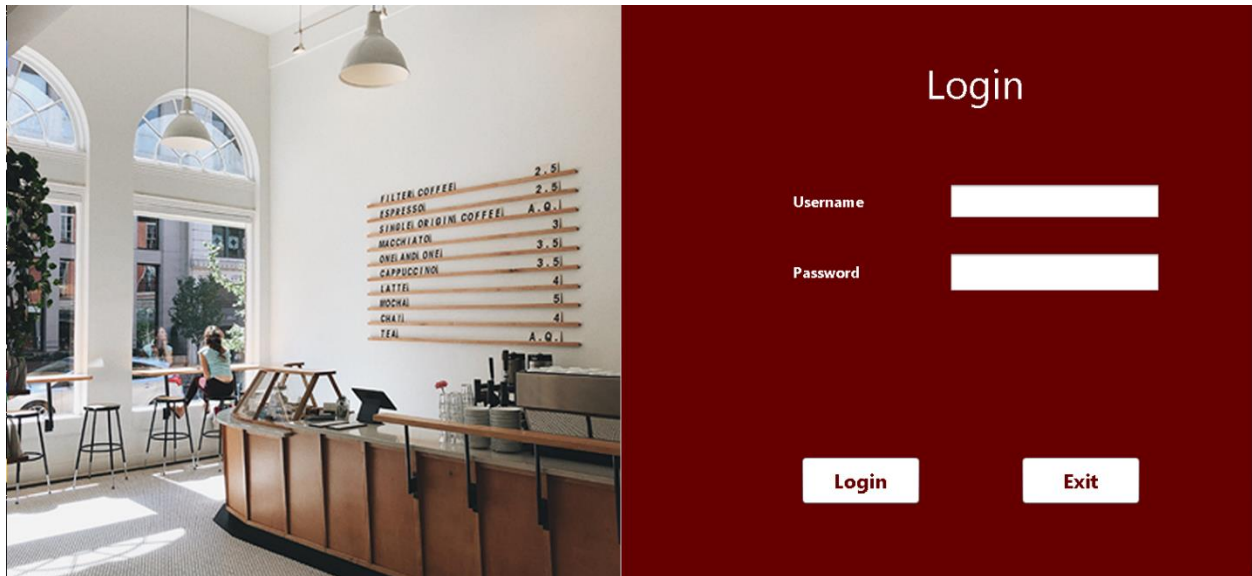


Login Page



Code

- 1) To Check if the *username* textbox and *password* textbox is empty or not.

```
if(txt_Username.getText().isEmpty() || txt_IPassword.getText().isEmpty()){  
    JOptionPane.showMessageDialog(this, "Missing Entries");  
} else {
```

- 2) If entries are not missing then checks if *username* and *password* is available in the database while creating the connection to the database.

```
Connection Con = null;  
Statement St = null;  
ResultSet Rs = null;  
Con=(Connection)  
DriverManager.getConnection("jdbc:mysql://localhost:3306/cafe_managment_system","root","");  
String query = "SELECT * FROM user WHERE username = ? AND password = ?";  
PreparedStatement ps = Con.prepareStatement(query);  
ps.setString(1, txt_Username.getText());  
ps.setString(2, txt_IPassword.getText());  
ResultSet rs = ps.executeQuery();  
if(rs.next()){  
    dispose();  
    new Items().setVisible(true);  
} else {  
    JOptionPane.showMessageDialog(this, "Invalid username or password");  
}
```

Item Management Page

Items

Gallery

Logout

Item Managemet

Name

Category

Tea

Price

Add

Edit

Delete

Item List

Title 1	Title 2	Title 3	Title 4

Code

1) Delete button Code

```
if(txt_name.getText().isEmpty()){
    JOptionPane.showMessageDialog(this, "Enter Name to be Deleted");
}
else{
    try{
        Con
        =
        (Connection)
        DriverManager.getConnection("jdbc:mysql://localhost:3306/cafe_managment_system","root","
");
        String name = txt_name.getText();
        String Query = "Delete from item_managment where name= '" + name + "'";
        Statement Add = Con.createStatement();
        Add.executeUpdate(Query);
        Selects();
        JOptionPane.showMessageDialog(this, "Item Deleted !");
    }
    catch(Exception e){
        JOptionPane.showMessageDialog(this, e);
    }
}
```

2) Edit button Code

```
if(txt_name.getText().isEmpty() || txt_price.getText().isEmpty()){
    JOptionPane.showMessageDialog(this, "Missing Entries");
}
else{
    try{
        Con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cafe_managment_system","root","");
        String Query = "UPDATE item_managment SET category='" + txt_cat.getSelectedItemAt().toString() + "', price='" + txt_price.getText() + "' WHERE name='" + txt_name.getText() + "'";
        Statement Add = Con.createStatement();
        Add.executeUpdate(Query);
        Selects();
        JOptionPane.showMessageDialog(this, "Item Edited !");
    }
    catch(HeadlessException | SQLException e){
        JOptionPane.showMessageDialog(this, e);
    }
}
```

3) Add button Code

```
if(txt_name.getText().isEmpty() || txt_price.getText().isEmpty())
{
    JOptionPane.showMessageDialog(this, "Missing Entries");
}
else{
    try{
        Con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cafe_managment_system","root","");
        PreparedStatement add = Con.prepareStatement("insert into item_managment values(?,?,?)");
        add.setString(1, txt_name.getText());
        add.setString(2, txt_cat.getSelectedItemAt().toString());
        add.setString(3, txt_price.getText());
        int row = add.executeUpdate();
        JOptionPane.showMessageDialog(this, "Item Successfully Added");
        Con.close();
        Selects();
    }
    catch(Exception e)
    {
        JOptionPane.showMessageDialog(this, e);
    }
}
```

4) Table selection to textboxes

```
        public void Selects(){
            try{
                Con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cafe_managment_system","root","");
                St = Con.createStatement();
                Rs = St.executeQuery("select * from item_managment");
                i_tble.setModel(DbUtils.resultSetToTableModel(Rs));
            }
            catch(Exception e){
                JOptionPane.showMessageDialog(this, e);
            }
        }
    }
```