**SIR SYED C@SE INSTITUTE OF TECHNOLOGY ISLAMABAD**



**PROJECT NAME**

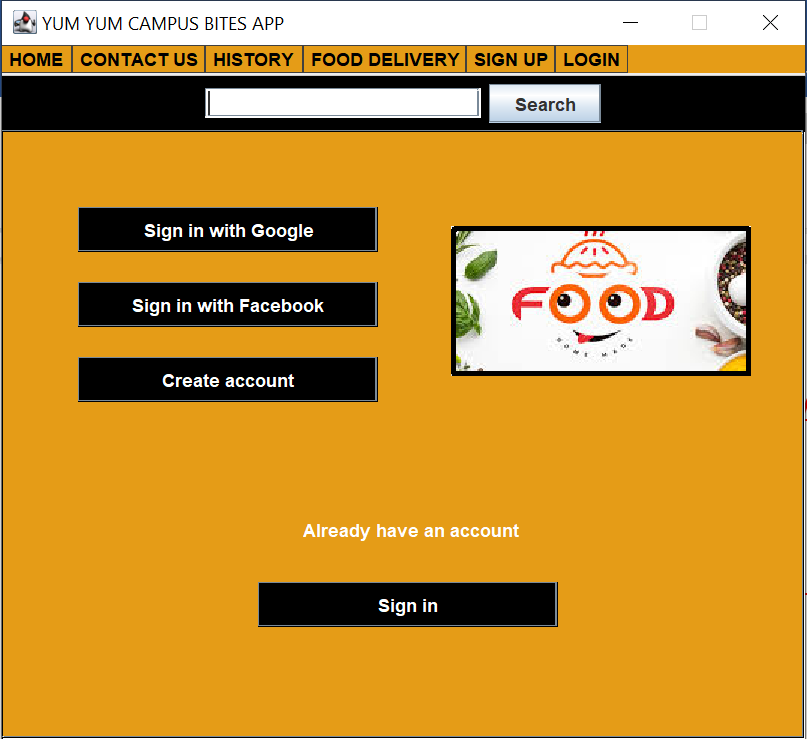
**YUM YUM CAMPUS BITES FOOD APPLICATION**

**(HOME PAGE FORM)**

**CODE:**

package FOOD\_PANDA\_APP;  
  
import javax.swing.\*;  
import javax.swing.table.DefaultTableModel;  
import java.awt.\*;  
import java.awt.event.ActionEvent;  
import java.awt.event.ActionListener;  
import java.io.IOException;  
import java.net.URI;  
import java.net.URISyntaxException;  
  
  
public class Home  
{  
 private boolean loggedIn = false; // Initially not logged in  
 private static final String *CLIENT\_ID* = "YOUR\_GOOGLE\_CLIENT\_ID";  
 private static final String *REDIRECT\_URI* = "YOUR\_REDIRECT\_URI";  
 private static final String *APPLICATION\_NAME* = "YumYum Campus Bites Food Application";  
 private static final String *SCOPE* = "https://www.googleapis.com/auth/gmail.send";  
  
 void Home1()  
 {  
 JTextField searchField;  
 JButton searchButton;  
  
 JFrame frame = new JFrame("YUM YUM CAMPUS BITES APP");  
 JMenu Home,ContactUs,FoodDetails,History,Order,SignUp,SignIn;  
 JMenuItem Home1,ContactUs1,FoodDetails1,History1,Order1,SignUp1,SignIn1,WhatsApp,FaceBook,Instagram,Twitter,SnapChat,SignOut,W3Schools;  
  
 ImageIcon imageIcon = new ImageIcon("C:\\Users\\dell\\IdeaProjects\\untitled\\src\\FOOD\_PANDA\_APP\\images.jpg");  
  
 // Create a JLabel to display the image  
 JLabel imageLabel = new JLabel(imageIcon);  
 imageLabel.setSize(100,100);  
 imageLabel.setBounds(300,100,200,100);  
 imageLabel.setBorder(BorderFactory.*createLineBorder*(Color.*black*,5,true));  
 // Set the description  
 imageIcon.setDescription("Image Description");  
  
 // Display the image in a JFrame  
 frame.add(imageLabel);  
 JMenuBar menuBar = new JMenuBar();  
  
 Home=new JMenu("HOME");  
 Home.setForeground(Color.*black*);  
 Home.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
  
 ContactUs=new JMenu("CONTACT US");  
 ContactUs.setForeground(Color.*black*);  
 ContactUs.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
  
 History=new JMenu("HISTORY");  
 History.setForeground(Color.*black*);  
 History.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
  
 Order=new JMenu("FOOD DELIVERY");  
 Order.setForeground(Color.*BLACK*);  
 Order.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
  
 SignUp=new JMenu("SIGN UP");  
 SignUp.setForeground(Color.*black*);  
 SignUp.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
  
 SignIn=new JMenu("LOGIN");  
 SignIn.setForeground(Color.*black*);  
 SignIn.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
  
 Home1=new JMenuItem("HOME");  
 Home1.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
 Home1.setForeground(Color.*black*);  
 Color Color11 = new Color(229, 156, 23); // RGB values for b // rgb stands for red green blue  
 Home1.setBackground(Color11);  
  
 Home1.addActionListener(e -> {  
 Home h=new Home();  
 frame.dispose();  
 h.Home1();  
 });  
  
 ContactUs1=new JMenuItem("CONTACT US");  
 ContactUs1.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
 ContactUs1.setForeground(Color.*black*);  
 Color Color10 = new Color(229, 156, 23); // RGB values for b  
 ContactUs1.setBackground(Color10);  
  
 History1=new JMenuItem("HISTORY");  
 History1.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
 History1.setForeground(Color.*black*);  
 Color Color9 = new Color(229, 156, 23); // RGB values for b  
 History1.setBackground(Color9);  
 History1.addActionListener(e -> {  
 History history=new History();  
 frame.dispose();  
 history.History1();  
 });  
  
 Order1=new JMenuItem("FOOD DELIVERY");  
 Order1.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
 Order1.setForeground(Color.*black*);  
 Color Color13 = new Color(229, 156, 23); // RGB values for b  
 Order1.setBackground(Color13);  
 Order1.addActionListener(e -> {  
 order dialog = new order();  
 frame.dispose();  
 dialog.setDefaultCloseOperation(WindowConstants.*DO\_NOTHING\_ON\_CLOSE*);  
 dialog.pack();  
 dialog.setVisible(true);  
 });  
  
  
 SignUp1=new JMenuItem("SIGN UP");  
 SignUp1.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
 SignUp1.setForeground(Color.*black*);  
 Color Color8 = new Color(229, 156, 23); // RGB values for b  
 SignUp1.setBackground(Color8);  
 SignUp1.addActionListener(e -> {  
 SignUp2 s2=new SignUp2();  
 frame.dispose();  
 s2.SignUp2();  
 });  
  
 SignIn1=new JMenuItem("LOGIN");  
 SignIn1.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
 SignIn1.setForeground(Color.*black*);  
 Color Color7 = new Color(229, 156, 23); // RGB values for b  
 SignIn1.setBackground(Color7);  
 SignIn1.addActionListener(e -> {  
 SignIn2 s=new SignIn2();  
 frame.dispose();  
 s.SignIn2();  
 });  
  
 SignOut=new JMenuItem("SIGN-OUT");  
 SignOut.setForeground(Color.*black*);  
 Color Color6 = new Color(229, 156, 23); // RGB values for b  
 SignOut.setBackground(Color6);  
 SignOut.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
 SignOut.addActionListener(e -> {  
 SignIn2 s=new SignIn2();  
 frame.dispose();  
 s.SignIn2();  
 });  
  
 WhatsApp=new JMenuItem("WHATSAPP");  
 WhatsApp.setForeground(Color.*black*);  
 Color Color5 = new Color(229, 156, 23); // RGB values for b  
 WhatsApp.setBackground(Color5);  
 WhatsApp.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
 WhatsApp.addActionListener(e -> openWhatsApp());  
  
 FaceBook=new JMenuItem("FACEBOOK");  
 FaceBook.setForeground(Color.*black*);  
 Color Color4 = new Color(229, 156, 23); // RGB values for b  
 FaceBook.setBackground(Color4);  
 FaceBook.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
 FaceBook.addActionListener(e -> openFaceBook());  
  
 Instagram=new JMenuItem("INSTAGRAM");  
 Instagram.setForeground(Color.*black*);  
 Color Color12 = new Color(229, 156, 23); // RGB values for b  
 Instagram.setBackground(Color12);  
 Instagram.setBorder(BorderFactory.*createLineBorder* (Color.*darkGray*));  
  
 Instagram.addActionListener(e -> openInstagram());  
  
 Twitter=new JMenuItem("TWITTER");  
 Twitter.setForeground(Color.*black*);  
 Color Color3 = new Color(229, 156, 23); // RGB values for b  
 Twitter.setBackground(Color3);  
 Twitter.setBorder(BorderFactory.*createLineBorder*(Color.*darkGray*));  
 Twitter.addActionListener(e -> openTwitter());  
  
 SnapChat=new JMenuItem("SNAPCHAT");  
 Color Color2 = new Color(229, 156, 23); // RGB values for b  
 SnapChat.setBackground(Color2);  
 SnapChat.setForeground(Color.*black*);  
 SnapChat.setBorder(BorderFactory.*createLineBorder*(Color.*darkGray*));  
 SnapChat.addActionListener(e -> openSnapChat());  
  
 W3Schools=new JMenuItem("W3 SCHOOLS");  
 Color Color14 = new Color(229, 156, 23); // RGB values for b  
 W3Schools.setBackground(Color14);  
 W3Schools.setForeground(Color.*black*);  
 W3Schools.setBorder(BorderFactory.*createLineBorder*(Color.*darkGray*));  
 W3Schools.addActionListener(e -> openW3Schools());  
  
  
 menuBar.add(Home);  
 menuBar.add(ContactUs);  
 menuBar.add(History);  
 menuBar.add(Order);  
 menuBar.add(SignUp);  
 menuBar.add(SignIn);  
  
 Home.add(Home1);  
 Home.add(SignOut);  
  
 ContactUs.add(WhatsApp);  
 ContactUs.add(FaceBook);  
 ContactUs.add(Instagram);  
 ContactUs.add(Twitter);  
 ContactUs.add(SnapChat);  
 ContactUs.add(W3Schools);  
  
 History.add(History1);  
 SignUp.add(SignUp1);  
 SignIn.add(SignIn1);  
 Order.add(Order1);  
  
 frame.setLayout(new BorderLayout());  
  
 searchField = new JTextField(20);  
 searchButton = new JButton("Search");  
 JPanel searchPanel = new JPanel();  
 searchPanel.add(searchField);  
 searchPanel.add(searchButton);  
 searchPanel.setForeground(Color.white);  
 searchPanel.setBackground(Color.black);  
  
 JScrollPane scrollPane=new JScrollPane();  
 scrollPane.setBackground(Color.black);  
 scrollPane.setForeground(Color.white);  
  
 JPanel contentPanel = new JPanel();  
 contentPanel.add(searchPanel);  
 contentPanel.setLayout(new BorderLayout());  
 contentPanel.setBackground(Color.RED);  
 contentPanel.add(searchPanel, BorderLayout.NORTH);  
 // Action listener for search button  
 JTextField finalSearchField = searchField;  
 searchButton.addActionListener(new ActionListener() {  
 @Override  
 public void actionPerformed(ActionEvent e) {  
 String query = finalSearchField.getText();  
 if (searchField.getText().isEmpty())  
 {  
 JOptionPane.showMessageDialog(finalSearchField, "Search Is In Progress", "ERROR FOUND", JOptionPane.ERROR\_MESSAGE);  
 // Perform search functionality using the 'query'  
 // Update the resultsList accordingly  
 }  
 else if (searchField.getText().matches("HOME"))  
 {  
 Home h=new Home();  
 frame.dispose();  
 h.Home1();  
 }  
  
 else if (searchField.getText().matches("FOOD DELIVERY"))  
 {  
 order dialog = new order();  
 frame.dispose();  
 dialog.pack();  
 dialog.setVisible(true);  
 }  
  
 else if (searchField.getText().matches("HISTORY"))  
 {  
 History h=new History();  
 frame.dispose();  
 h.History1();  
 }  
  
 else if (searchField.getText().matches("SIGN IN"))  
 {  
 SignIn2 s2=new SignIn2();  
 frame.dispose();  
 s2.SignIn2();  
 }  
  
 else if (searchField.getText().matches("SIGN UP"))  
 {  
 SignUp2 s2=new SignUp2();  
 frame.dispose();  
 s2.SignUp2();  
 }  
 else {  
 Object[] rowData = {searchField.getText()};  
 DefaultTableModel tableModel = new DefaultTableModel();  
 tableModel.addRow(rowData);  
  
 // Clear text fields after adding a row  
 searchField.setText("");  
 }  
 }  
 });  
  
  
 contentPanel.setLayout(null); // Using null layout for explicit bounds  
 Color Color1 = new Color(229, 156, 23); // RGB values for b  
 contentPanel.setBackground(Color1);  
  
 JButton button = new JButton("Sign in with Google");  
 button.setBackground(Color.black);  
 button.setForeground(Color.white);  
 button.setBounds(50, 50, 200, 30);  
 button.addActionListener(new ActionListener() {  
 @Override  
 public void actionPerformed(ActionEvent e) {  
 openbutton();  
 }  
 });  
 JButton button1 = new JButton("Sign in with Facebook");  
 button1.setForeground(Color.white);  
 button1.setBackground(Color.black);  
 button1.addActionListener(new ActionListener() {  
 @Override  
 public void actionPerformed(ActionEvent e) {  
 openbutton1();  
 }  
 });  
  
 button1.setBounds(50, 100, 200, 30);  
 JButton button2 = new JButton("Create account");  
 button2.setBackground(Color.black);  
 button2.setForeground(Color.white);  
 button2.addActionListener(new ActionListener() {  
 @Override  
 public void actionPerformed(ActionEvent e) {  
 SignUp2 s2=new SignUp2();  
 frame.dispose();  
 s2.SignUp2();  
 }  
 });  
 button2.setBounds(50, 150, 200, 30);  
 JLabel label = new JLabel("Already have an account");  
 label.setForeground(Color.white);  
 label.setSize(150,150);  
 Font boldFont = new Font(label.getFont().getFontName(), Font.BOLD, label.getFont().getSize()); // Create a bold font  
 label.setFont(boldFont);  
 label.setBounds(200, 250, 250, 30);  
 JButton button3 = new JButton("Sign in");  
 button3.setForeground(Color.white);  
 button3.setBackground(Color.black);  
 button3.addActionListener(new ActionListener() {  
 @Override  
 public void actionPerformed(ActionEvent e) {  
 SignIn2 s2=new SignIn2();  
 frame.dispose();  
 s2.SignIn2();  
 }  
 });  
 button3.setBounds(170, 300, 200, 30);  
  
// Add components to the content panel  
 contentPanel.add(button);  
 contentPanel.add(button1);  
 contentPanel.add(button2);  
 contentPanel.add(label);  
 contentPanel.add(button3);  
  
 frame.add(contentPanel, BorderLayout.CENTER);  
  
 scrollPane.setViewportView(contentPanel);  
 scrollPane.getViewport().setBackground(Color.black);  
  
 frame.add(scrollPane, BorderLayout.CENTER);  
 // Add search panel to the frame's NORTH region  
 frame.add(searchPanel, BorderLayout.NORTH);  
  
 frame.setJMenuBar(menuBar);  
 Color Color15 = new Color(229, 156, 23); // RGB values for b  
 menuBar.setBackground(Color15);  
 frame.setResizable(false);  
 frame.setDefaultCloseOperation(JFrame.DO\_NOTHING\_ON\_CLOSE);  
 frame.setVisible(true);  
 frame.setBounds(0, 0, 550, 500);  
  
 }  
  
 private void openbutton() {  
 try {  
 // Construct the authorization URL  
 String authUrl = "https://accounts.google.com/o/oauth2/auth" +  
 "?client\_id=" + CLIENT\_ID +  
 "&redirect\_uri=" + REDIRECT\_URI +  
 "&scope=" + SCOPE +  
 "&response\_type=code";  
  
 URI uri = new URI(authUrl);  
 if (Desktop.isDesktopSupported() && Desktop.getDesktop().isSupported(Desktop.Action.BROWSE)) {  
 Desktop.getDesktop().browse(uri);  
 }  
 } catch (URISyntaxException | IOException ex) {  
 ex.printStackTrace(); // Handle exceptions appropriately  
 }  
 }  
  
 /\*private void openbutton() {  
 try {  
 URI uri = new URI("https://accounts.google.com/signin");  
 if (Desktop.isDesktopSupported() && Desktop.getDesktop().isSupported(Desktop.Action.BROWSE))  
 {  
 Desktop.getDesktop().browse(uri);  
 }  
 } catch (URISyntaxException | IOException ex)  
 {  
 ex.printStackTrace(); // Handle exceptions appropriately  
 }  
 }\*/  
  
 private void openbutton1() {  
 try {  
 URI uri = new URI("https://www.facebook.com/");  
 if (Desktop.isDesktopSupported() && Desktop.getDesktop().isSupported(Desktop.Action.BROWSE)) {  
 Desktop.getDesktop().browse(uri);  
 }  
 } catch (URISyntaxException | IOException ex) {  
 ex.printStackTrace(); // Handle exceptions appropriately  
 }  
 }  
 private void openWhatsApp() {  
 try {  
 URI uri = new URI("https://www.whatsapp.com");  
 if (Desktop.isDesktopSupported() && Desktop.getDesktop().isSupported(Desktop.Action.BROWSE)) {  
 Desktop.getDesktop().browse(uri);  
 }  
 } catch (URISyntaxException | IOException ex) {  
 ex.printStackTrace(); // Handle exceptions appropriately  
 }  
 }  
  
 private void openW3Schools() {  
 try {  
 URI uri = new URI("https://www.w3schools.com");  
 if (Desktop.isDesktopSupported() && Desktop.getDesktop().isSupported(Desktop.Action.BROWSE)) {  
 Desktop.getDesktop().browse(uri);  
 }  
 } catch (URISyntaxException | IOException ex) {  
 ex.printStackTrace(); // Handle exceptions appropriately  
 }  
 }  
  
 private void openFaceBook() {  
 try {  
 URI uri = new URI("https://www.facebook.com");  
 if (Desktop.isDesktopSupported() && Desktop.getDesktop().isSupported(Desktop.Action.BROWSE)) {  
 Desktop.getDesktop().browse(uri);  
 }  
 } catch (URISyntaxException | IOException ex) {  
 ex.printStackTrace(); // Handle exceptions appropriately  
 }  
 }  
  
 private void openInstagram() {  
 try {  
 URI uri = new URI("https://www.instagram.com");  
 if (Desktop.isDesktopSupported() && Desktop.getDesktop().isSupported(Desktop.Action.BROWSE)) {  
 Desktop.getDesktop().browse(uri);  
 }  
 } catch (URISyntaxException | IOException ex) {  
 ex.printStackTrace(); // Handle exceptions appropriately  
 }  
 }  
  
 private void openTwitter() {  
 try {  
 URI uri = new URI("https://www.twitter.com");  
 if (Desktop.isDesktopSupported() && Desktop.getDesktop().isSupported(Desktop.Action.BROWSE)) {  
 Desktop.getDesktop().browse(uri);  
 }  
 } catch (URISyntaxException | IOException ex) {  
 ex.printStackTrace(); // Handle exceptions appropriately  
 }  
 }  
  
 private void openSnapChat() {  
 try {  
 URI uri = new URI("https://www.snapchat.com");  
 if (Desktop.isDesktopSupported() && Desktop.getDesktop().isSupported(Desktop.Action.BROWSE)) {  
 Desktop.getDesktop().browse(uri);  
 }  
 } catch (URISyntaxException | IOException ex) {  
 ex.printStackTrace(); // Handle exceptions appropriately  
 }  
 }  
}

**OUTPUT:**



* When clicking on Home page we will get a Home Page menu.
* When clicking on Contact Us we will get the following contact medias such as:

1. WhatsApp
2. Facebook
3. Twitter
4. Instagram
5. Snap Chat
6. W3 Schools

* When clicking on history we will get a history menu.
* When clicking on Food Delivery we will get a Food Delivery. Form.
* When clicking on Sign Up we will get a Sign Up Form.
* When clicking on Login we will get a Login Form.
* When clicking the sign in with google we will get a sign in with google menu which will be open on web.
* When clicking on sign in with Facebook we will get a Facebook sign in form.
* When we click on creating account button it will show us sign up form.
* When clicking of sign in when we have already have an account it will show us sign in form.