```xml
 1 <?xml version="1.0" encoding="UTF-8"?>
 2
 3 <?import javafx.scene.control.Label?>
 4 <?import javafx.scene.image.Image?>
 5 <?import javafx.scene.image.ImageView?>
 6 <?import javafx.scene.layout.AnchorPane?>
 7 <?import javafx.scene.text.Font?>
 8
 9
10 <AnchorPane id="AnchorPane" prefHeight="302.0" prefWidth="542.0"
style="-fx-background-color: #5D6D7E;" xmlns:fx="http://javafx.com/fxml/1"
xmlns="http://javafx.com/javafx/8.0.171"
fx:controller="foody.ConfirmedController">
11    <children>
12       <AnchorPane layoutX="27.0" layoutY="35.0" prefHeight="233.0"
prefWidth="489.0" style="-fx-background-color: white;">
13          <children>
14             <Label layoutX="116.0" layoutY="35.0" prefHeight="34.0"
prefWidth="258.0" text="Thank You for Ordering">
15                <font>
16                   <Font name="Gill Sans MT" size="23.0" />
17                </font>
18             </Label>
19             <ImageView fitHeight="117.0" fitWidth="135.0"
layoutX="176.0" layoutY="76.0" pickOnBounds="true" preserveRatio="true">
20                <image>
21                   <Image url="@../images/checked.png" />
22                </image>
23             </ImageView>
24          </children>
25       </AnchorPane>
26    </children>
27 </AnchorPane>
```

```java
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import java.net.URL;
 9 import java.util.ResourceBundle;
10 import javafx.fxml.Initializable;
11
12 /**
13  * FXML Controller class
14  *
15  * @author Winston
16  */
17 public class ConfirmedController implements Initializable {
18
19     /**
20      * Initializes the controller class.
21      */
22     @Override
23     public void initialize(URL url, ResourceBundle rb) {
24         // TODO
25     }
26
27 }
```

```xml
1 <?xml version="1.0" encoding="UTF-8"?>
2
3 <?import com.jfoenix.controls.JFXButton?>
4 <?import javafx.scene.control.Label?>
5 <?import javafx.scene.image.Image?>
6 <?import javafx.scene.image.ImageView?>
7 <?import javafx.scene.layout.AnchorPane?>
8 <?import javafx.scene.text.Font?>
9
10
11 <AnchorPane maxHeight="-Infinity" maxWidth="-Infinity"
minHeight="-Infinity" minWidth="-Infinity" prefHeight="416.0"
prefWidth="649.0" style="-fx-background-color: white;"
xmlns="http://javafx.com/javafx/8.0.171"
xmlns:fx="http://javafx.com/fxml/1"
fx:controller="foody.FXMLDocumentController">
12    <children>
13       <Label layoutX="239.0" layoutY="27.0" prefHeight="17.0"
prefWidth="143.0" text="Veggie" textFill="#f85b00">
14          <font>
15             <Font name="Comic Sans MS Bold" size="44.0" />
16          </font>
17       </Label>
18       <JFXButton buttonType="RAISED" layoutX="68.0" layoutY="297.0"
onAction="#signupScreen" prefHeight="35.0" prefWidth="204.0"
style="-fx-background-color: #428bca;" text="SignUp" textFill="WHITE" />
19       <JFXButton buttonType="RAISED" layoutX="377.0" layoutY="297.0"
onAction="#loginScreen" prefHeight="35.0" prefWidth="204.0"
style="-fx-background-color: #428bca;" text="Login" textFill="WHITE" />
20       <Label layoutX="228.0" layoutY="87.0" opacity="0.7"
prefHeight="35.0" prefWidth="194.0" text="Order Food Online"
textAlignment="CENTER">
21          <font>
22             <Font name="Lucida Sans Regular" size="20.0" />
23          </font>
24       </Label>
25       <Label layoutX="377.0" layoutY="270.0" prefHeight="17.0"
prefWidth="158.0" text="Already registered ? Login">
26          <font>
27             <Font name="SansSerif Bold" size="12.0" />
28          </font>
29       </Label>
30       <Label layoutX="68.0" layoutY="270.0" prefHeight="17.0"
prefWidth="139.0" text="New User? SignUp">
```

```
31          <font>
32              <Font name="SansSerif Bold" size="12.0" />
33          </font>
34      </Label>
35      <ImageView fitHeight="164.0" fitWidth="148.0" layoutX="239.0"
layoutY="122.0" pickOnBounds="true" preserveRatio="true">
36          <image>
37              <Image url="@../images/fast_food_397248.png" />
38          </image>
39      </ImageView>
40      <ImageView fitHeight="91.0" fitWidth="67.0" layoutX="365.0"
layoutY="18.0" pickOnBounds="true" preserveRatio="true">
41          <image>
42              <Image url="@../images/cupcake.png" />
43          </image>
44      </ImageView>
45   </children>
46 </AnchorPane>
```

```java
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import java.net.URL;
 9 import java.util.ResourceBundle;
10 import javafx.event.ActionEvent;
11 import javafx.fxml.FXML;
12 import javafx.fxml.FXMLLoader;
13 import javafx.fxml.Initializable;
14 import javafx.scene.Node;
15 import javafx.scene.Parent;
16 import javafx.scene.Scene;
17 import javafx.scene.control.Label;
18 import javafx.stage.Stage;
19 import javafx.stage.StageStyle;
20
21 /**
22  *
23  * @author Winston
24  */
25 public class FXMLDocumentController implements Initializable {
26
27     @FXML
28      public void loginScreen(ActionEvent event) throws Exception  {
29 Stage primaryStage =new Stage();
30                 primaryStage.initStyle(StageStyle.UNDECORATED);
31 Parent root =FXMLLoader.load(getClass().getResource("Login.fxml"));
32 Scene scene = new Scene(root);
33 primaryStage.setScene(scene);
34 primaryStage.show();
35
36             // Hide this current window (if this is what you want)
37             ((Node)(event.getSource())).getScene().getWindow().hide();
38 }
39     @FXML
40      public void signupScreen(ActionEvent event) throws Exception  {
41 Stage primaryStage =new Stage();
42                 primaryStage.initStyle(StageStyle.UNDECORATED);
43 Parent root =FXMLLoader.load(getClass().getResource("Signup.fxml"));
```

```
44 Scene scene = new Scene(root);
45 primaryStage.setScene(scene);
46 primaryStage.show();
47
48           // Hide this current window (if this is what you want)
49           ((Node)(event.getSource())).getScene().getWindow().hide();
50 }
51
52
53
54
55
56     @Override
57     public void initialize(URL url, ResourceBundle rb) {
58         // TODO
59     }
60
61 }
```

```java
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import javafx.application.Application;
 9 import javafx.fxml.FXMLLoader;
10 import javafx.scene.Parent;
11 import javafx.scene.Scene;
12 import javafx.stage.Stage;
13
14 /**
15  *
16  * @author Winston
17  */
18 public class Foody extends Application {
19
20     @Override
21     public void start(Stage stage) throws Exception {
22         Parent root =
FXMLLoader.load(getClass().getResource("FXMLDocument.fxml"));
23
24         Scene scene = new Scene(root);
25
26         stage.setScene(scene);
27         stage.show();
28     }
29
30     /**
31      * @param args the command line arguments
32      */
33     public static void main(String[] args) {
34         launch(args);
35     }
36
37 }
```

```
 1 <?xml version="1.0" encoding="UTF-8"?>
 2
 3 <?import com.jfoenix.controls.JFXButton?>
 4 <?import com.jfoenix.controls.JFXPasswordField?>
 5 <?import com.jfoenix.controls.JFXTextField?>
 6 <?import javafx.scene.control.Label?>
 7 <?import javafx.scene.image.Image?>
 8 <?import javafx.scene.image.ImageView?>
 9 <?import javafx.scene.layout.AnchorPane?>
10 <?import javafx.scene.text.Font?>
11
12 <AnchorPane maxHeight="-Infinity" maxWidth="-Infinity"
minHeight="-Infinity" minWidth="-Infinity" prefHeight="410.0"
prefWidth="627.0" style="-fx-background-color: #566573;"
xmlns="http://javafx.com/javafx/8.0.171"
xmlns:fx="http://javafx.com/fxml/1" fx:controller="foody.LoginController">
13    <children>
14       <AnchorPane layoutX="27.0" layoutY="26.0" prefHeight="358.0"
prefWidth="293.0" style="-fx-background-color: white;">
15          <children>
16             <JFXTextField fx:id="textemail" focusColor="#f24541"
labelFloat="true" layoutX="30.0" layoutY="133.0" prefHeight="25.0"
prefWidth="232.0" promptText="Enter Email" unFocusColor="#f0ab41" />
17             <JFXPasswordField fx:id="textpass" focusColor="#f24541"
labelFloat="true" layoutX="30.0" layoutY="212.0" prefHeight="25.0"
prefWidth="232.0" promptText="Enter Password" unFocusColor="#f4aa41" />
18             <JFXButton buttonType="RAISED" layoutX="81.0"
layoutY="286.0" onAction="#Login" prefHeight="25.0" prefWidth="130.0"
style="-fx-background-color: #f4aa41;" text="Login" textFill="WHITE" />
19             <Label layoutX="65.0" layoutY="41.0" prefHeight="33.0"
prefWidth="164.0" text="Login to Veggie" textFill="#ffb108">
20                <font>
21                   <Font name="SansSerif Bold" size="20.0" />
22                </font>
23             </Label>
24             <Label fx:id="alertLabel" layoutX="118.0" layoutY="91.0"
prefHeight="17.0" prefWidth="102.0" textFill="RED" wrapText="true">
25                <font>
26                   <Font name="System Bold" size="12.0" />
27                </font>
28             </Label>
29          </children>
30       </AnchorPane>
31       <JFXButton buttonType="RAISED" layoutX="566.0" layoutY="14.0"
```

```
onAction="#exitScreen" style="-fx-background-color: #CCD1D1;" text="CLOSE"
textFill="#ff0f0f" />
32        <ImageView fitHeight="185.0" fitWidth="239.0" layoutX="358.0"
layoutY="138.0" pickOnBounds="true" preserveRatio="true">
33           <image>
34              <Image url="@../images/apple.jpg" />
35           </image>
36        </ImageView>
37     </children>
38 </AnchorPane>
```

```java
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import com.jfoenix.controls.JFXPasswordField;
 9 import com.jfoenix.controls.JFXTextField;
10 import static foody.SignupController.infoBox;
11 import java.io.IOException;
12 import java.net.URL;
13 import java.sql.SQLException;
14 import java.util.ResourceBundle;
15 import java.util.logging.Level;
16 import java.util.logging.Logger;
17 import javafx.event.ActionEvent;
18 import javafx.fxml.FXML;
19 import javafx.fxml.FXMLLoader;
20 import javafx.fxml.Initializable;
21 import javafx.scene.Node;
22 import javafx.scene.Parent;
23 import javafx.scene.Scene;
24 import javafx.scene.control.Alert;
25 import javafx.scene.control.Label;
26 import javafx.scene.layout.Pane;
27 import javafx.stage.Stage;
28 import javafx.stage.StageStyle;
29
30 /**
31  * FXML Controller class
32  *
33  * @author Winston
34  */
35 public class LoginController implements Initializable {
36     public LoginModel loginModel=new LoginModel();
37   /* private static int cust_id;*/
38    /**
39     * Initializes the controller class.
40     */
41    @FXML
42    private JFXTextField textemail;
43
```

```java
44      @FXML
45      private JFXPasswordField textpass;
46
47      @FXML
48      private Label alertLabel;
49      public static int cust_id;
50
51
52   @FXML
53      public void exitScreen(ActionEvent event){
54          System.exit(0);
55      }
56       @FXML
57      public void MenuScreen(ActionEvent event) throws Exception  {
58 Stage primaryStage =new Stage();
59 Parent root =FXMLLoader.load(getClass().getResource("Menu.fxml"));
60              primaryStage.setTitle("Welcome To Foody Menu");
61 Scene scene = new Scene(root);
62 primaryStage.setScene(scene);
63 primaryStage.show();
64
65          // Hide this current window (if this is what you want)
66          ((Node)(event.getSource())).getScene().getWindow().hide();
67 }
68      @Override
69      public void initialize(URL url, ResourceBundle rb) {
70          if(loginModel.isDbConnected()){
71              System.out.println("Db connected");
72          }else{
73              System.out.println("Db not connected");
74          }
75      }
76
77      public static void CustomerId(int cusst){
78          cust_id=LoginModel.customer_id;
79
80      }
81      public void Login(ActionEvent event){
82       try {
83              if(loginModel.isLogin(textemail.getText(),
textpass.getText())){
84                  infoBox("Login Successfull "+cust_id,null,"Success" );
85
86                  Node node = (Node)event.getSource();
```

```
 87              Stage primaryStage =new Stage();
 88              Stage dialogStage = (Stage) node.getScene().getWindow();
 89              dialogStage.close();
 90              Scene scene = new
Scene(FXMLLoader.load(getClass().getResource("Menu.fxml")));
 91 primaryStage.setScene(scene);
 92
 93              dialogStage.setScene(scene);
 94              dialogStage.show();
 95
 96
 97          }else{
 98              infoBox("Enter correct email and
password",null,"Failed" );
 99              }
100        } catch (SQLException ex) {
101
Logger.getLogger(LoginController.class.getName()).log(Level.SEVERE, null,
ex);
102            alertLabel.setText("Enter correct email and password");
103        } catch (IOException ex) {
104
Logger.getLogger(LoginController.class.getName()).log(Level.SEVERE, null,
ex);
105        }
106
107    }
108     public static void infoBox(String infoMessage, String headerText,
String title){
109        Alert alert = new Alert(Alert.AlertType.INFORMATION);
110        alert.setContentText(infoMessage);
111        alert.setTitle(title);
112        alert.setHeaderText(headerText);
113        alert.showAndWait();
114    }
115
116
117 }
```

```
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import java.sql.Connection;
 9 import java.sql.PreparedStatement;
10 import java.sql.ResultSet;
11 import java.sql.SQLException;
12 import java.util.logging.Level;
13 import java.util.logging.Logger;
14
15 /**
16  *
17  * @author Winston
18  */
19
20 public class LoginModel {
21     static int customer_id;
22
23     Connection connection;
24     public LoginModel(){
25         connection =SqlConnection.Connector();
26         if(connection==null){
27             System.exit(0);
28             System.out.println("notconnected");
29         }
30     }
31     public boolean isDbConnected(){
32         try {
33             return !connection.isClosed();
34         } catch (SQLException ex) {
35             System.out.println("error");
36
Logger.getLogger(LoginModel.class.getName()).log(Level.SEVERE, null, ex);
37             System.out.println("error");
38             return false;
39
40         }
41
42     }
```

```
43    public boolean isLogin(String email ,String pass) throws
SQLException{
44        //int customer_id;
45        PreparedStatement preparedStatement = null ;
46        ResultSet resultSet =null;
47        String query="select customer_id from customer where email_id=?
and password=?";
48        try{
49            preparedStatement =connection.prepareStatement(query);
50            preparedStatement.setString(1, email);
51            preparedStatement.setString(2, pass);
52            resultSet=preparedStatement.executeQuery();
53            if(resultSet.next()){
54                customer_id =resultSet.getInt("customer_id");
55                System.out.println(""+customer_id);
56                LoginController.CustomerId(customer_id);
57                return true;
58            }else{
59                return false;
60            }
61        }catch(SQLException e){
62            System.out.println(" no!"+e);
63            return false;
64        }finally{
65            preparedStatement.close();
66            resultSet.close();
67        }
68
69
70
71    }
72
73
74 }
```

```xml
 1 <?xml version="1.0" encoding="UTF-8"?>
 2
 3 <?import com.jfoenix.controls.JFXButton?>
 4 <?import com.jfoenix.controls.JFXTabPane?>
 5 <?import javafx.geometry.Insets?>
 6 <?import javafx.scene.control.Label?>
 7 <?import javafx.scene.control.PasswordField?>
 8 <?import javafx.scene.control.ScrollPane?>
 9 <?import javafx.scene.control.SplitPane?>
10 <?import javafx.scene.control.Tab?>
11 <?import javafx.scene.control.TableColumn?>
12 <?import javafx.scene.control.TableView?>
13 <?import javafx.scene.control.TextArea?>
14 <?import javafx.scene.control.TextField?>
15 <?import javafx.scene.image.Image?>
16 <?import javafx.scene.image.ImageView?>
17 <?import javafx.scene.layout.AnchorPane?>
18 <?import javafx.scene.text.Font?>
19
20 <JFXTabPane maxHeight="-Infinity" maxWidth="-Infinity"
minHeight="-Infinity" minWidth="-Infinity" prefHeight="661.0"
prefWidth="945.0" xmlns="http://javafx.com/javafx/8.0.171"
xmlns:fx="http://javafx.com/fxml/1" fx:controller="foody.MenuController">
21     <tabs>
22        <Tab text="Menu">
23          <content>
24             <ScrollPane>
25                <content>
26                  <AnchorPane minHeight="0.0" minWidth="0.0"
prefHeight="1000.0" prefWidth="935.0" style="-fx-background-color: white;">
27                     <children>
28                        <SplitPane layoutX="47.0" layoutY="39.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
29                           <items>
30                              <AnchorPane minHeight="0.0" minWidth="0.0"
prefHeight="126.0" prefWidth="189.0">
31                                 <children>
32                                    <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
33                                       <image>
34                                          <Image
url="@../images/apple.jpg" />
35                                       </image>
36                                    </ImageView>
```

```
37                                          <Label layoutX="27.0"
layoutY="139.0" prefHeight="30.0" prefWidth="146.0" text="Apple">
38                                            <font>
39                                              <Font name="System Bold"
size="20.0" />
40                                            </font>
41                                          </Label>
42                                          <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="89.0" text="Price:Rs.200" />
43                                          <JFXButton fx:id="btn1"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu1"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
44                                        </children>
45                                      </AnchorPane>
46                                    </items>
47                                  </SplitPane>
48                                  <SplitPane layoutX="275.0" layoutY="39.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
49                                    <items>
50                                      <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
51                                        <children>
52                                          <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
53                                            <image>
54                                              <Image
url="@../images/curd.jpg" />
55                                            </image>
56                                          </ImageView>
57                                          <Label layoutX="51.0"
layoutY="139.0" prefHeight="30.0" prefWidth="91.0" text="Curd">
58                                            <font>
59                                              <Font name="System Bold"
size="20.0" />
60                                            </font>
61                                          </Label>
62                                          <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="89.0" text="Price:Rs.30" />
63                                          <JFXButton fx:id="btn2"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu2"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
64                                        </children>
```

```
65                                    </AnchorPane>
66                                </items>
67                            </SplitPane>
68                            <SplitPane layoutX="486.0" layoutY="39.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
69                                <items>
70                                    <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
71                                        <children>
72                                            <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
73                                                <image>
74                                                    <Image
url="@../images/milk.jpg" />
75                                                </image>
76                                            </ImageView>
77                                            <Label layoutX="27.0"
layoutY="139.0" prefHeight="30.0" prefWidth="135.0" text="Milk">
78                                                <font>
79                                                    <Font name="System Bold"
size="20.0" />
80                                                </font>
81                                            </Label>
82                                            <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="89.0" text="Price:Rs.25" />
83                                            <JFXButton fx:id="btn3"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu3"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
84                                        </children>
85                                    </AnchorPane>
86                                </items>
87                            </SplitPane>
88                            <SplitPane layoutX="709.0" layoutY="39.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
89                                <items>
90                                    <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
91                                        <children>
92                                            <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
93                                                <image>
94                                                    <Image
url="@../images/tomato.jpg" />
```

```
 95                                    </image>
 96                                </ImageView>
 97                                <Label layoutX="18.0"
layoutY="139.0" prefHeight="30.0" prefWidth="164.0" text="Tomato">
 98                                    <font>
 99                                        <Font name="System Bold"
size="20.0" />
100                                    </font>
101                                </Label>
102                                <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="89.0" text="Price:Rs.45" />
103                                <JFXButton fx:id="btn4"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu4"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
104                            </children>
105                        </AnchorPane>
106                    </items>
107                </SplitPane>
108                <SplitPane layoutX="47.0" layoutY="306.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
109                    <items>
110                        <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
111                            <children>
112                                <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
113                                    <image>
114                                        <Image
url="@../images/grapes.jpg" />
115                                    </image>
116                                </ImageView>
117                                <Label layoutX="40.0"
layoutY="139.0" prefHeight="30.0" prefWidth="109.0" text="Grapes">
118                                    <font>
119                                        <Font name="System Bold"
size="20.0" />
120                                    </font>
121                                </Label>
122                                <Label layoutX="65.0"
layoutY="169.0" prefHeight="17.0" prefWidth="89.0" text="Price:Rs.50" />
123                                <JFXButton fx:id="btn5"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu5"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
```

```
      />
124                              </children>
125                          </AnchorPane>
126                      </items>
127                  </SplitPane>
128                  <SplitPane layoutX="275.0" layoutY="306.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
129                      <items>
130                      <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
131                          <children>
132                              <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
133                                  <image>
134                                      <Image
url="@../images/burger2.jpg" />
135                                  </image>
136                              </ImageView>
137                              <Label layoutX="27.0"
layoutY="139.0" prefHeight="30.0" prefWidth="147.0" text="Chicken Burger">
138                                  <font>
139                                      <Font name="System Bold"
size="20.0" />
140                                  </font>
141                              </Label>
142                              <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="63.0" text="Price:Rs.80" />
143                              <JFXButton fx:id="btn6"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu6"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
144                          </children>
145                      </AnchorPane>
146                      </items>
147                  </SplitPane>
148                  <SplitPane layoutX="503.0" layoutY="306.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
149                      <items>
150                      <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
151                          <children>
152                              <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
153                                  <image>
```

```
154                                    <Image
url="@../images/burger4.jpg" />
155                                </image>
156                            </ImageView>
157                            <Label layoutX="33.0"
layoutY="139.0" prefHeight="30.0" prefWidth="135.0" text="Power Burger">
158                                <font>
159                                    <Font name="System Bold"
size="20.0" />
160                                </font>
161                            </Label>
162                            <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="63.0" text="Price:Rs.300" />
163                            <JFXButton fx:id="btn7"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu7"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
164                        </children>
165                    </AnchorPane>
166                </items>
167            </SplitPane>
168            <SplitPane layoutX="719.0" layoutY="306.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
169                <items>
170                    <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
171                        <children>
172                            <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
173                                <image>
174                                    <Image
url="@../images/burger3.jpg" />
175                                </image>
176                            </ImageView>
177                            <Label layoutX="18.0"
layoutY="139.0" prefHeight="30.0" prefWidth="163.0" text="Sandwich Burger">
178                                <font>
179                                    <Font name="System Bold"
size="20.0" />
180                                </font>
181                            </Label>
182                            <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="70.0" text="Price:Rs.180" />
183                            <JFXButton fx:id="btn8"
```

```
buttonType="RAISED" layoutX="51.0" layoutY="195.0" onAction="#Menu8"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
184                           </children>
185                         </AnchorPane>
186                       </items>
187                   </SplitPane>
188                   <SplitPane layoutX="55.0" layoutY="586.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
189                       <items>
190                         <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
191                           <children>
192                             <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
193                               <image>
194                                 <Image
url="@../images/indian-sweet.jpg" />
195                               </image>
196                             </ImageView>
197                             <Label layoutX="27.0"
layoutY="139.0" prefHeight="30.0" prefWidth="123.0" text="Gulab Jamun">
198                               <font>
199                                 <Font name="System Bold"
size="20.0" />
200                               </font>
201                             </Label>
202                             <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="83.0" text="Price :Rs.200" />
203                             <JFXButton fx:id="btn9"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu9"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
204                           </children>
205                         </AnchorPane>
206                       </items>
207                   </SplitPane>
208                   <SplitPane layoutX="719.0" layoutY="586.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
209                       <items>
210                         <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
211                           <children>
212                             <ImageView fitHeight="147.0"
```

```
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
213                                   <image>
214                                      <Image
url="@../images/waffle.jpg" />
215                                   </image>
216                                </ImageView>
217                                <Label layoutX="24.0"
layoutY="139.0" prefHeight="30.0" prefWidth="158.0" text="Belgium Waffle">
218                                   <font>
219                                      <Font name="System Bold"
size="20.0" />
220                                   </font>
221                                </Label>
222                                <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="76.0" text="Price : Rs.150" />
223                                <JFXButton fx:id="btn12"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu12"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
224                             </children>
225                             <opaqueInsets>
226                                <Insets />
227                             </opaqueInsets>
228                          </AnchorPane>
229                       </items>
230                    </SplitPane>
231                    <SplitPane layoutX="503.0" layoutY="586.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
232                       <items>
233                          <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
234                             <children>
235                                <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
236                                   <image>
237                                      <Image
url="@../images/chocolate.jpg" />
238                                   </image>
239                                </ImageView>
240                                <Label layoutX="27.0"
layoutY="139.0" prefHeight="30.0" prefWidth="145.0" text="Naugat Moose">
241                                   <font>
242                                      <Font name="System Bold"
size="20.0" />
```

```
243                                    </font>
244                                 </Label>
245                                 <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="71.0" text="Price :Rs.300" />
246                                 <JFXButton fx:id="btn11"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu11"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
247                              </children>
248                           </AnchorPane>
249                        </items>
250                     </SplitPane>
251                     <SplitPane layoutX="275.0" layoutY="586.0"
orientation="VERTICAL" prefHeight="236.0" prefWidth="191.0">
252                        <items>
253                           <AnchorPane minHeight="0.0"
minWidth="0.0" prefHeight="126.0" prefWidth="189.0">
254                              <children>
255                                 <ImageView fitHeight="147.0"
fitWidth="200.0" layoutY="-9.0" pickOnBounds="true" preserveRatio="true">
256                                    <image>
257                                       <Image
url="@../images/naugatmoose.jpg" />
258                                    </image>
259                                 </ImageView>
260                                 <Label layoutX="9.0"
layoutY="139.0" prefHeight="30.0" prefWidth="163.0" text="Chocolate Moose">
261                                    <font>
262                                       <Font name="System Bold"
size="20.0" />
263                                    </font>
264                                 </Label>
265                                 <Label layoutX="64.0"
layoutY="169.0" prefHeight="17.0" prefWidth="86.0" text="Price :Rs.250" />
266                                 <JFXButton fx:id="btn10"
buttonType="RAISED" layoutX="55.0" layoutY="195.0" onAction="#Menu10"
style="-fx-background-color: #5DADE2;" text="Add To Cart" textFill="WHITE"
/>
267                              </children>
268                           </AnchorPane>
269                        </items>
270                     </SplitPane>
271                     <JFXButton buttonType="RAISED" layoutX="841.0"
layoutY="2.0" onAction="#Logout" style="-fx-background-color: #aba7a7;"
```

```
text="logout" textFill="WHITE" />
272                       <Label fx:id="custLabel" layoutX="62.0"
layoutY="6.0" prefHeight="17.0" prefWidth="64.0" text="Label" />
273                   </children>
274               </AnchorPane>
275             </content>
276           </ScrollPane>
277       </content>
278     </Tab>
279     <Tab text="Cart">
280       <content>
281         <AnchorPane minHeight="0.0" minWidth="0.0" prefHeight="180.0"
prefWidth="200.0">
282             <children>
283               <TableView fx:id="table" editable="true"
layoutX="148.0" layoutY="93.0" prefHeight="414.0" prefWidth="625.0"
style="-fx-border-color: #5DADE2;">
284                 <columns>
285                   <TableColumn id="MenuIdCol" fx:id="MenuIdCol"
prefWidth="124.0" text="Menu Id" />
286                   <TableColumn id="MenuNameCol" fx:id="MenuNameCol"
prefWidth="110.0" text="Menu Name" />
287                   <TableColumn id="PriceCol" fx:id="PriceCol"
prefWidth="109.0" text="Price" />
288                   <TableColumn id="QuantityCol"
fx:id="QuantityCol" prefWidth="111.0" text="Quantity" />
289                 </columns>
290                 <columnResizePolicy>
291                   <TableView
fx:constant="CONSTRAINED_RESIZE_POLICY" />
292                 </columnResizePolicy>
293               </TableView>
294               <Label layoutX="341.0" layoutY="545.0"
prefHeight="28.0" prefWidth="153.0" text="Total Amount :">
295                 <font>
296                   <Font size="18.0" />
297                 </font>
298               </Label>
299               <JFXButton buttonType="RAISED" layoutX="730.0"
layoutY="545.0" onAction="#paymentScreen" prefHeight="30.0"
prefWidth="152.0" ripplerFill="#19839e" style="-fx-background-color:
#fcc511;" text="Confirm Order" textFill="WHITE" />
300               <JFXButton buttonType="RAISED" layoutX="163.0"
layoutY="545.0" onAction="#deleteItem" prefHeight="25.0" prefWidth="98.0"
```

```
       ripplerFill="#fcdfdf" style="-fx-background-color: #ff6647;" text="Delete"
       textFill="WHITE" />
301                <Label fx:id="totalAmount" layoutX="494.0"
       layoutY="540.0" prefHeight="35.0" prefWidth="98.0" text="0"
       textFill="#f50f0f">
302                    <font>
303                        <Font size="24.0" />
304                    </font>
305                </Label>
306                <Label layoutX="461.0" layoutY="540.0"
       prefHeight="35.0" prefWidth="37.0" text="Rs." textFill="#f50f0f">
307                    <font>
308                        <Font size="24.0" />
309                    </font>
310                </Label>
311            </children></AnchorPane>
312        </content>
313      </Tab>
314      <Tab text="Settings">
315        <content>
316          <AnchorPane minHeight="0.0" minWidth="0.0" prefHeight="180.0"
       prefWidth="200.0" style="-fx-background-color: white;">
317                <children>
318                <AnchorPane layoutX="65.0" layoutY="111.0"
       prefHeight="430.0" prefWidth="355.0" style="-fx-background-color: #FCF3CF;
       -fx-background-radius: 22;">
319                    <children>
320                    <Label layoutX="94.0" layoutY="54.0"
       prefHeight="48.0" prefWidth="167.0" text="Change Password"
       textFill="#f39c12">
321                        <font>
322                            <Font name="SansSerif Bold" size="18.0"
       />
323                        </font>
324                    </Label>
325                    <PasswordField fx:id="oldpasstxt"
       layoutX="65.0" layoutY="153.0" prefHeight="25.0" prefWidth="226.0"
       promptText="Enter Old Password" />
326                    <PasswordField fx:id="newpasstxt"
       layoutX="64.0" layoutY="228.0" prefHeight="25.0" prefWidth="228.0"
       promptText="Enter New Password" />
327                    <JFXButton buttonType="RAISED" layoutX="103.0"
       layoutY="320.0" onAction="#UpdatePassword" prefHeight="27.0"
       prefWidth="150.0" style="-fx-background-color: #F39C12;
```

```
     -fx-background-radius: 33;" text="Change Password" textFill="WHITE" />
328                 </children>
329               </AnchorPane>
330               <AnchorPane layoutX="492.0" layoutY="111.0"
     prefHeight="430.0" prefWidth="379.0" style="-fx-background-radius: 22;
     -fx-background-color: #D6EAF8;">
331                 <children>
332                   <Label layoutX="115.0" layoutY="40.0"
     prefHeight="48.0" prefWidth="152.0" text="Update Address"
     textFill="#f1948a">
333                     <font>
334                       <Font name="SansSerif Bold" size="18.0"
     />
335                     </font>
336                   </Label>
337                   <JFXButton buttonType="RAISED" layoutX="115.0"
     layoutY="341.0" onAction="#putAddress" prefHeight="27.0" prefWidth="150.0"
     style="-fx-background-color: #F1948A; -fx-background-radius: 33;"
     text="Update" textFill="WHITE" />
338                   <TextField fx:id="statetxt" layoutX="58.0"
     layoutY="121.0" prefHeight="25.0" prefWidth="221.0" promptText="state" />
339                   <TextField fx:id="citytxt" layoutX="57.0"
     layoutY="163.0" prefHeight="25.0" prefWidth="223.0" promptText="city" />
340                   <TextField fx:id="pincodetxt" layoutX="64.0"
     layoutY="281.0" prefHeight="27.0" prefWidth="188.0" promptText="Pincode" />
341                   <TextArea fx:id="landtxt" layoutX="58.0"
     layoutY="207.0" prefHeight="50.0" prefWidth="222.0" promptText="Landmark"
     />
342                 </children>
343               </AnchorPane>
344             </children></AnchorPane>
345         </content>
346       </Tab>
347       <Tab text="Orders">
348         <content>
349           <AnchorPane minHeight="0.0" minWidth="0.0"
     prefHeight="180.0" prefWidth="200.0">
350             <children>
351               <TableView fx:id="table1" editable="true"
     layoutX="132.0" layoutY="94.0" prefHeight="436.0" prefWidth="657.0"
     style="-fx-border-color: #5DADE2;">
352                 <columns>
353                   <TableColumn id="MenuIdCol" fx:id="OrderidCol1"
     prefWidth="124.0" text="Order No" />
```

```
354                         <TableColumn id="MenuNameCol"
fx:id="MenuNameCol1" prefWidth="110.0" text="Menu Name" />
355                         <TableColumn id="QuantityCol"
fx:id="QuantityCol1" prefWidth="111.0" text="Quantity" />
356                         <TableColumn fx:id="OrderStatusCol1"
prefWidth="75.0" text="Order status" />
357                     </columns>
358                     <columnResizePolicy>
359                         <TableView
fx:constant="CONSTRAINED_RESIZE_POLICY" />
360                     </columnResizePolicy>
361                 </TableView>
362                 <Label layoutX="358.0" layoutY="37.0"
prefHeight="36.0" prefWidth="205.0" text="ORDER STATUS" textFill="#f01111">
363                     <font>
364                         <Font name="Microsoft JhengHei Bold"
size="22.0" />
365                     </font>
366                 </Label>
367             </children>
368         </AnchorPane>
369     </content>
370   </Tab>
371   </tabs>
372 </JFXTabPane>
```

```
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import java.io.IOException;
 9 import java.net.URL;
10 import java.sql.Connection;
11 import java.sql.PreparedStatement;
12 import java.sql.ResultSet;
13 import java.sql.SQLException;
14 import java.util.Optional;
15 import java.util.ResourceBundle;
16 import java.util.logging.Level;
17 import java.util.logging.Logger;
18 import javafx.collections.FXCollections;
19 import javafx.collections.ObservableList;
20 import javafx.event.ActionEvent;
21 import javafx.fxml.FXML;
22 import javafx.fxml.FXMLLoader;
23 import javafx.fxml.Initializable;
24 import javafx.scene.Node;
25 import javafx.scene.Parent;
26 import javafx.scene.Scene;
27 import javafx.scene.control.Alert;
28 import javafx.scene.control.ButtonType;
29 import javafx.scene.control.Label;
30 import javafx.scene.control.PasswordField;
31 import javafx.scene.control.TableColumn;
32 import javafx.scene.control.TableView;
33 import javafx.scene.control.TextArea;
34 import javafx.scene.control.TextField;
35 import javafx.scene.control.cell.PropertyValueFactory;
36 import javafx.stage.Stage;
37 import javafx.stage.StageStyle;
38
39 /**
40  * FXML Controller class
41  *
42  * @author Winston
43  */
```

```
44 public class MenuController implements Initializable {
45     public MenuModel menuModel =new MenuModel();
46
47     @FXML
48     private Label custLabel;
49     @FXML
50     private TableView<ModelTable> table;
51     @FXML
52     private TableColumn<ModelTable, String> MenuIdCol;
53
54     @FXML
55     private TableColumn<ModelTable, String> MenuNameCol;
56
57     @FXML
58     private TableColumn<ModelTable, String> PriceCol;
59
60     @FXML
61     private TableColumn<ModelTable, String> QuantityCol;
62
63     @FXML
64     private Label totalAmount;
65
66     @FXML
67     private PasswordField oldpasstxt;
68
69     @FXML
70     private PasswordField newpasstxt;
71
72     @FXML
73     private TextField statetxt;
74
75     @FXML
76     private TextField citytxt;
77
78     @FXML
79     private TextField pincodetxt;
80
81     @FXML
82     private TextArea landtxt;
83     @FXML
84     private TableView<ModelTable1> table1;
85
86     @FXML
87     private TableColumn<ModelTable1, String> OrderidCol1;
```

```
 88
 89     @FXML
 90     private TableColumn<ModelTable1, String> MenuNameCol1;
 91
 92     @FXML
 93     private TableColumn<ModelTable1, String> QuantityCol1;
 94
 95     @FXML
 96     private TableColumn<ModelTable1, String> OrderStatusCol1;
 97
 98
 99
100     /*
101     @FXML
102     private JFXButton btn1;
103
104     @FXML
105     private JFXButton btn2;
106
107     @FXML
108     private JFXButton btn3;
109
110     @FXML
111     private JFXButton btn4;
112
113     @FXML
114     private JFXButton btn5;
115
116     @FXML
117     private JFXButton btn6;
118
119     @FXML
120     private JFXButton btn7;
121
122     @FXML
123     private JFXButton btn8;
124
125     @FXML
126     private JFXButton btn9;
127
128     @FXML
129     private JFXButton btn10;
130
131     @FXML
```

```
132        private JFXButton btn11;
133
134        @FXML
135        private JFXButton btn12;
136        */
137
138        Connection con; //connection for table
139
140        public static int i;
141
142        boolean type;
143
144
145        ObservableList<ModelTable> obList=
FXCollections.observableArrayList();
146        ObservableList<ModelTable1> obList1=
FXCollections.observableArrayList();
147
148
149        public MenuController(){
150            con=SqlConnection.Connector();
151        }
152
153        @Override
154        public void initialize(URL url, ResourceBundle rb) {
155
156             totalAmount.setText("0");
157
158             i= LoginController.cust_id;//customer id which is primary key
159             custLabel.setText(Integer.toString(i));
160             if(menuModel.isDbConnected()){
161                 System.out.println("Db connected");
162             }else{
163                 System.out.println("Db not connected");
164             }
165
166
167             MenuIdCol.setCellValueFactory(new
PropertyValueFactory<>("menuid"));
168             MenuNameCol.setCellValueFactory(new
PropertyValueFactory<>("menuname"));
169             PriceCol.setCellValueFactory(new
PropertyValueFactory<>("price"));
170             QuantityCol1.setCellValueFactory(new
```

```
     PropertyValueFactory<>("quantity_item"));
171          tableConnection();
172          table.setItems(obList);
173          table.refresh();
174          table.getSelectionModel().clearSelection();
175          calculate();
176          getAddress();
177
178          OrderidCol1.setCellValueFactory(new
     PropertyValueFactory<>("orderno"));
179          MenuNameCol1.setCellValueFactory(new
     PropertyValueFactory<>("menuname"));
180          QuantityCol.setCellValueFactory(new
     PropertyValueFactory<>("quantity_item"));
181          OrderStatusCol1.setCellValueFactory(new
     PropertyValueFactory<>("status"));
182          tableConnection1();
183          table1.setItems(obList1);
184          table1.refresh();
185
186
187     }
188
189
190     public void deleteItem(ActionEvent event){
191        ModelTable tableIndex =
     (ModelTable)table.getSelectionModel().getSelectedItem();
192        int tempMenuid = -1;
193        try{
194        tempMenuid = tableIndex.getMenuid();
195        }catch(Exception e){
196            infoBox1("no item selected!", null, "Error");
197
198        }
199
200     if(tempMenuid >= 0){
201        String query = "DELETE FROM orders WHERE  ( menu_id = ? and
     customer_id=? and order_status='ADDED_TO_CART') ";
202        PreparedStatement pst;
203          try {
204             pst = con.prepareStatement(query);
205             pst.setInt(1, tempMenuid);
206             pst.setInt(2, i);
207             pst.execute();
```

```
208                    table.getItems().remove(tableIndex);
209                    table.refresh();
210                    table.getSelectionModel().clearSelection();
211
212                    calculate();
213
214             } catch (SQLException ex) {
215
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
216             }catch(Exception e){
217                    infoBox1("no item selected!", null, "Error");
218             }
219
220
221      } else {
222          System.out.println("no selction made");
223      }
224 }
225
226
227
228
229
230     public void tableConnection(){
231         table.getItems().clear();
232         try {
233
234             String query="SELECT menu.price as Price
,menu.menu_id,menu.menu_name as Name,quantity FROM orders JOIN menu ON
orders.menu_id=menu.menu_id WHERE orders.customer_id="+i+" and
order_status='ADDED_TO_CART'";
235             ResultSet rs =con.createStatement().executeQuery(query);
236             while(rs.next()){
237                 obList.add(new ModelTable(rs.getString("Name"),
rs.getInt("menu_id"),rs.getInt("quantity"), rs.getInt("Price")));
238             }
239         } catch (SQLException ex) {
240
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
241         }
242     }
243     public void tableConnection1(){
```

```java
244
245         try {
246
247            String query="SELECT orders.order_id as
OrderId,menu.menu_name as Name,quantity, order_status FROM orders JOIN menu
ON orders.menu_id=menu.menu_id WHERE orders.customer_id="+i+" and
(order_status='PAYMENT_CONFIRMED' OR order_status='DELIVERED') ";
248            ResultSet rs =con.createStatement().executeQuery(query);
249            while(rs.next()){
250                obList1.add(new ModelTable1( rs.getInt("OrderId"),
rs.getString("Name"), rs.getInt("quantity"),rs.getString("order_status"))
);
251            }
252        } catch (SQLException ex) {
253
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
254        }
255    }
256    public void calculate(){
257        try {
258
259            String query="SELECT sum(menu.price*quantity) as
totalamount FROM orders JOIN menu ON orders.menu_id=menu.menu_id WHERE
orders.customer_id="+i+" and order_status='ADDED_TO_CART'";
260            ResultSet rs =con.createStatement().executeQuery(query);
261            while(rs.next()){
262
263                int totalamount=rs.getInt("totalamount");
264
265                totalAmount.setText(Integer.toString(totalamount));
266            }
267        } catch (SQLException ex) {
268
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
269        }
270    }
271    //code below is load the payment screen
272    @FXML
273     public void PaymentScreen(ActionEvent event) throws Exception  {
274 Stage primaryStage =new Stage();
275                primaryStage.initStyle(StageStyle.UNDECORATED);
276 Parent root =FXMLLoader.load(getClass().getResource("Payment.fxml"));
```

```
277 Scene scene = new Scene(root);
278 primaryStage.setScene(scene);
279 primaryStage.show();
280
281             // Hide this current window (if this is what you want)
282             ((Node)(event.getSource())).getScene().getWindow().hide();
283 }
284     public void Menu1(ActionEvent event){
285         try {
286             if(menuModel.check_if_added_to_cart(1)){
287             type =infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
288                 // btn1.setDisable(true);
289                 if(type){
290                     menuModel.increment_qnt(1);
291                     tableConnection();
292                     table.refresh();
293                     calculate();
294                     infoBox1("Item added to the cart!",null,"Success" );
295                 }
296             }else{
297                 menuModel.cart_add(1);
298                 tableConnection();
299                 table.refresh();
300                 calculate();
301                 infoBox1("Item added to the cart!",null,"Success" );
302                 // btn1.setDisable(true);
303                 }
304         } catch (SQLException ex) {
305
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
306         }
307     }
308     public void Menu2(ActionEvent event){
309         try {
310             if(menuModel.check_if_added_to_cart(2)){
311                 type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
312                 //btn2.setDisable(true);
313                 if(type){
314                     menuModel.increment_qnt(2);
315                     tableConnection();
316                     table.refresh();
```

```
317                 calculate();
318                 infoBox1("Item added to the cart!",null,"Success" );
319             }
320         }else{
321             menuModel.cart_add(2);
322             tableConnection();
323             table.refresh();
324             calculate();
325             infoBox1("Item added to the cart!",null,"Success" );
326             // btn2.setDisable(true);
327         }
328     } catch (SQLException ex) {
329
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
330     }
331     }
332     public void Menu3(ActionEvent event){
333         try {
334             if(menuModel.check_if_added_to_cart(3)){
335                 type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
336                 if(type){
337                     menuModel.increment_qnt(3);
338                     tableConnection();
339                     table.refresh();
340                     calculate();
341                     infoBox1("Item added to the cart!",null,"Success" );
342                 }
343                 //btn3.setDisable(true);
344             }else{
345                 menuModel.cart_add(3);
346                 tableConnection();
347                 table.refresh();
348                 calculate();
349                 infoBox1("Item added to the cart!",null,"Success" );
350                 // btn3.setDisable(true);
351             }
352         } catch (SQLException ex) {
353
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
354         }
355     }
```

```
356        public void Menu4(ActionEvent event){
357          try {
358              if(menuModel.check_if_added_to_cart(4)){
359                  type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
360                  if(type){
361                      menuModel.increment_qnt(4);
362                      tableConnection();
363                      table.refresh();
364                      calculate();
365                      infoBox1("Item added to the cart!",null,"Success" );
366                  }
367                  //btn4.setDisable(true);
368              }else{
369                  menuModel.cart_add(4);
370                  tableConnection();
371                  table.refresh();
372                  calculate();
373                  infoBox1("Item added to the cart!",null,"Success" );
374                  //btn4.setDisable(true);
375              }
376          } catch (SQLException ex) {
377
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
378          }
379      }
380      public void Menu5(ActionEvent event){
381          try {
382              if(menuModel.check_if_added_to_cart(5)){
383                  type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
384                  if(type){
385                      menuModel.increment_qnt(5);
386                      tableConnection();
387                      table.refresh();
388                      calculate();
389                      infoBox1("Item added to the cart!",null,"Success" );
390                  }
391                  //btn5.setDisable(true);
392              }else{
393                  menuModel.cart_add(5);
394                  tableConnection();
395                  table.refresh();
```

```
396                    calculate();
397                    infoBox1("Item added to the cart!",null,"Success" );
398                // btn5.setDisable(true);
399            }
400        } catch (SQLException ex) {
401
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
402        }
403    }
404    public void Menu6(ActionEvent event){
405        try {
406            if(menuModel.check_if_added_to_cart(6)){
407                type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
408                if(type){
409                    menuModel.increment_qnt(6);
410                    tableConnection();
411                    table.refresh();
412                    calculate();
413                    infoBox1("Item added to the cart!",null,"Success" );
414                }
415                // btn6.setDisable(true);
416            }else{
417                menuModel.cart_add(6);
418                tableConnection();
419                table.refresh();
420                calculate();
421                infoBox1("Item added to the cart!",null,"Success" );
422                // btn6.setDisable(true);
423            }
424        } catch (SQLException ex) {
425
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
426        }
427    }
428    public void Menu7(ActionEvent event){
429        try {
430            if(menuModel.check_if_added_to_cart(7)){
431                type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
432                if(type){
433                    menuModel.increment_qnt(7);
```

```
434                    tableConnection();
435                    table.refresh();
436                    calculate();
437                    infoBox1("Item added to the cart!",null,"Success" );
438                }
439                //btn7.setDisable(true);
440            }else{
441                menuModel.cart_add(7);
442                tableConnection();
443                table.refresh();
444                calculate();
445                infoBox1("Item added to the cart!",null,"Success" );
446               // btn7.setDisable(true);
447            }
448        } catch (SQLException ex) {
449
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
450        }
451    }
452    public void Menu8(ActionEvent event){
453        try {
454            if(menuModel.check_if_added_to_cart(8)){
455                type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
456                if(type){
457                    menuModel.increment_qnt(8);
458                    tableConnection();
459                    table.refresh();
460                    calculate();
461                    infoBox1("Item added to the cart!",null,"Success" );
462                }
463
464                //btn8.setDisable(true);
465            }else{
466                menuModel.cart_add(8);
467                tableConnection();
468                table.refresh();
469                calculate();
470                infoBox1("Item added to the cart!",null,"Success" );
471               // btn8.setDisable(true);
472            }
473        } catch (SQLException ex) {
474
```

```
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
475            }
476        }
477      public void Menu9(ActionEvent event){
478          try {
479              if(menuModel.check_if_added_to_cart(9)){
480                  type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
481                  if(type){
482                      menuModel.increment_qnt(9);
483                      tableConnection();
484                      table.refresh();
485                      calculate();
486                      infoBox1("Item added to the cart!",null,"Success" );
487                  }
488                  // btn9.setDisable(true);
489              }else{
490                  menuModel.cart_add(9);
491                  tableConnection();
492                  table.refresh();
493                  calculate();
494                  infoBox1("Item added to the cart!",null,"Success" );
495                  //btn9.setDisable(true);
496              }
497          } catch (SQLException ex) {
498
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
499          }
500      }
501      public void Menu10(ActionEvent event){
502          try {
503              if(menuModel.check_if_added_to_cart(10)){
504                  type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
505                  if(type){
506                      menuModel.increment_qnt(10);
507                      tableConnection();
508                      table.refresh();
509                      calculate();
510                      infoBox1("Item added to the cart!",null,"Success" );
511                  }
512                  //btn10.setDisable(true);
```

```
513               }else{
514                   menuModel.cart_add(10);
515                   tableConnection();
516                   table.refresh();
517                   calculate();
518                   infoBox1("Item added to the cart!",null,"Success" );
519                  // btn10.setDisable(true);
520                  }
521          } catch (SQLException ex) {
522
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
523          }
524      }
525      public void Menu11(ActionEvent event){
526          try {
527              if(menuModel.check_if_added_to_cart(11)){
528                  type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
529                  if(type){
530                      menuModel.increment_qnt(11);
531                      tableConnection();
532                      table.refresh();
533                      calculate();
534                      infoBox1("Item added to the cart!",null,"Success" );
535                  }
536                  //btn11.setDisable(true);
537              }else{
538                  menuModel.cart_add(11);
539                  tableConnection();
540                  table.refresh();
541                  calculate();
542                  infoBox1("Item added to the cart!",null,"Success" );
543                 // btn11.setDisable(true);
544                  }
545          } catch (SQLException ex) {
546
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
547          }
548      }
549      public void Menu12(ActionEvent event){
550          try {
551              if(menuModel.check_if_added_to_cart(12)){
```

```
552                type=infoBox("Item is already in the cart.\nDo you
really want to add another one?",null,"Alert!" );
553                if(type){
554                    menuModel.increment_qnt(12);
555                    tableConnection();
556                    table.refresh();
557                    calculate();
558                    infoBox1("Item added to the cart!",null,"Success" );
559                }
560
561              // btn12.setDisable(true);
562            }else{
563                menuModel.cart_add(12);
564                tableConnection();
565                table.refresh();
566                calculate();
567                infoBox1("Item added to the cart!",null,"Success" );
568                //btn12.setDisable(true);
569            }
570        } catch (SQLException ex) {
571
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
572        }
573    }
574    public void UpdatePassword(ActionEvent event){
575
576        try {
577            String oldpass=oldpasstxt.getText();
578            String newpass=newpasstxt.getText();
579            if(!(oldpass.isEmpty() || newpass.isEmpty())){
580
if(menuModel.check_if_pass_equal_to_old(oldpasstxt.getText())){
581                type=infoBox("Do you really want to change the
password",null,"Alter!");
582                if(type){
583                menuModel.update_password(newpasstxt.getText());
584                    infoBox1("Password changed sucessfully",
null,"Success");
585                    oldpasstxt.clear();
586                    newpasstxt.clear();
587                }
588            }else{
589                infoBox1("Please enter your old password
```

```
correctly!!",null,"failed to change password");
590             }
591             }else{
592                 infoBox1("please enter the password field",
null,"Alert!");
593             }
594
595             } catch (SQLException ex) {
596
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
597         }
598
599     }
600      public void getAddress(){
601         String query="SELECT state, city, landmark, pincode FROM
customer where customer_id="+i;
602         PreparedStatement pst;
603         ResultSet rs;
604         try {
605             pst =con.prepareStatement(query);
606             rs=pst.executeQuery();
607             if(rs.next()){
608                 statetxt.setText(rs.getString("state"));
609                 citytxt.setText(rs.getString("city"));
610                 landtxt.setText(rs.getString("landmark"));
611                 int pincode=rs.getInt("pincode");
612                 pincodetxt.setText(Integer.toString(pincode));
613             }
614         } catch (SQLException ex) {
615
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
616         }
617     }
618     public void putAddress(ActionEvent event){
619
if(!(statetxt.getText().isEmpty()||citytxt.getText().isEmpty()||landtxt.get
Text().isEmpty()||pincodetxt.getText().isEmpty())){
620             type=infoBox("do you really want to update the
Address",null,"Alert!");
621             if(type){
622
623         String query="Update customer SET state=? ,city=? ,landmark=?
```

```
      ,pincode=? where customer_id="+i;
624         PreparedStatement pst;
625         try {
626             pst =con.prepareStatement(query);
627             pst.setString(1,statetxt.getText());
628             pst.setString(2,citytxt.getText());
629             pst.setString(3,landtxt.getText());
630             pst.setInt(4,Integer.parseInt(pincodetxt.getText()));
631             pst.execute();
632             statetxt.clear();
633             citytxt.clear();
634             landtxt.clear();
635             pincodetxt.clear();
636             getAddress();
637             infoBox1("Address Sucessfully updated",null,"success");
638         } catch (SQLException ex) {
639
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
640         }
641             }else{
642             infoBox1("update cancelled",null,"cancelled");
643             statetxt.clear();
644             citytxt.clear();
645             landtxt.clear();
646             pincodetxt.clear();
647             getAddress();
648         }
649     }else{
650         infoBox1("please fill the address fields", null,"Update
failed");
651         }
652     }
653     public void paymentScreen(ActionEvent event){
654         if(menuModel.isItemInCart()){
655             type=infoBox("Do you really want Confirm
order",null,"Alter!");
656             if(type){
657                 menuModel.update_status_to_confirmed();
658                 menuModel.copy_to_payment();
659                 try {
660                     Node node = (Node)event.getSource();
661                     Stage dialogStage = (Stage)
node.getScene().getWindow();
```

```
662                     dialogStage.close();
663                     Scene scene;
664                     scene = new
Scene(FXMLLoader.load(getClass().getResource("Payment.fxml")));
665                     dialogStage.setScene(scene);
666                     dialogStage.show();
667                 } catch (IOException ex) {
668
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
669         }
670
671             }else{
672                 System.out.println("order is not placed");
673             }
674         }else{
675             infoBox1("No items in the cart",null,"Alert!");
676         }
677
678
679
680     }
681
682     public static boolean infoBox(String infoMessage, String
headerText, String title){
683         Alert alert = new Alert(Alert.AlertType.CONFIRMATION);
684         alert.setContentText(infoMessage);
685         alert.setTitle(title);
686         alert.setHeaderText(headerText);
687         alert.getButtonTypes();
688
689         Optional<ButtonType> result = alert.showAndWait();
690         if (result.get() == ButtonType.OK){
691             // ... user chose OK button
692          return true;
693         } else {
694         // ... user chose CANCEL or closed the dialog
695         return false;
696         }
697
698     }
699
700     public static void infoBox1(String infoMessage, String headerText,
String title){
```

```
701         Alert alert = new Alert(Alert.AlertType.INFORMATION);
702         alert.setTitle(title);
703         alert.setHeaderText(headerText);
704         alert.setContentText(infoMessage);
705         alert.showAndWait();
706     }
707     public  void Logout(ActionEvent event){
708         System.exit(0);
709     }
710
711 }
```

```java
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import java.sql.Connection;
 9 import java.sql.PreparedStatement;
10 import java.sql.ResultSet;
11 import java.sql.SQLException;
12 import java.util.logging.Level;
13 import java.util.logging.Logger;
14
15 /**
16  *
17  * @author Winston
18  */
19 public class MenuModel {
20     Connection connection;
21     public MenuModel(){
22         connection =SqlConnection.Connector();
23         if(connection==null){
24             System.exit(0);
25             System.out.println("notconnected");
26         }
27     }
28     public boolean isDbConnected(){
29         try {
30             return !connection.isClosed();
31         } catch (SQLException ex) {
32             System.out.println("error");
33
Logger.getLogger(MenuModel.class.getName()).log(Level.SEVERE, null, ex);
34             System.out.println("error");
35             return false;
36
37         }
38
39     }
40     public boolean check_if_added_to_cart(int menuId) throws
SQLException{
41         PreparedStatement preparedStatement = null ;
```

```java
42          ResultSet resultSet =null;
43          String query="Select * from orders where menu_id=? and
customer_id= ? and order_status='ADDED_TO_CART'";
44
45          try {
46              preparedStatement =connection.prepareStatement(query);
47              preparedStatement.setInt(1,menuId);
48              preparedStatement.setInt(2, MenuController.i);
49              resultSet=preparedStatement.executeQuery();
50              if(resultSet.next()){
51                  return true;
52              }else{
53                  return false;
54              }
55          } catch (SQLException ex) {
56
57              System.out.println(""+ex);
58              return false;
59          }finally{
60              preparedStatement.close();
61              resultSet.close();
62          }
63
64
65
66
67      }
68      public void cart_add(int menuId) throws SQLException{
69          PreparedStatement preparedStatement = null ;
70          String query="insert into
orders(customer_id,menu_id,order_status)"+"values(?,?,'ADDED_TO_CART')";
71          try {
72              preparedStatement =connection.prepareStatement(query);
73              preparedStatement.setInt(1, MenuController.i);
74              preparedStatement.setInt(2, menuId);
75              preparedStatement.execute();
76
77          } catch (SQLException ex) {
78
Logger.getLogger(MenuModel.class.getName()).log(Level.SEVERE, null, ex);
79          }finally{
80              preparedStatement.close();
81          }
82
```

```java
 83        }
 84     public void increment_qnt(int menuId) throws SQLException{
 85         PreparedStatement preparedStatement = null ;
 86         String query="update orders set quantity=quantity+1 WHERE
customer_id=? and order_status='ADDED_TO_CART' and menu_id=?";
 87         try {
 88             preparedStatement =connection.prepareStatement(query);
 89             preparedStatement.setInt(1, MenuController.i);
 90             preparedStatement.setInt(2, menuId);
 91             preparedStatement.execute();
 92
 93         } catch (SQLException ex) {
 94
Logger.getLogger(MenuModel.class.getName()).log(Level.SEVERE, null, ex);
 95         }finally{
 96             preparedStatement.close();
 97         }
 98     }
 99
100     public boolean check_if_pass_equal_to_old(String oldpass) throws
SQLException{
101          PreparedStatement preparedStatement = null ;
102          ResultSet resultSet =null;
103         String query="select * from customer where customer_id=? and
password=?";
104          try {
105          preparedStatement =connection.prepareStatement(query);
106          preparedStatement.setInt(1, MenuController.i);
107          preparedStatement.setString(2, oldpass);
108          resultSet=preparedStatement.executeQuery();
109          if(resultSet.next()){
110           return true;
111           }else{
112               return false;
113              }
114
115
116         } catch (SQLException ex) {
117
118          System.out.println(""+ex);
119          return false;
120         }finally{
121             preparedStatement.close();
122             resultSet.close();
```

```java
123             }
124
125        }
126     public void update_password(String newpass){
127          PreparedStatement preparedStatement ;
128          String query="update customer SET password =? where
customer_id=?";
129
130         try {
131             preparedStatement =connection.prepareStatement(query);
132             preparedStatement.setString(1, newpass);
133             preparedStatement.setInt(2, MenuController.i);
134             preparedStatement.execute();
135         } catch (SQLException ex) {
136
Logger.getLogger(MenuModel.class.getName()).log(Level.SEVERE, null, ex);
137         }
138
139     }
140     public void update_status_to_confirmed(){
141         PreparedStatement preparedStatement;
142         String query="update orders set order_status='CONFIRMED' where
order_status='ADDED_TO_CART' and customer_id= ?";
143         try {
144             preparedStatement =connection.prepareStatement(query);
145             preparedStatement.setInt(1, MenuController.i);
146             preparedStatement.execute();
147
148         } catch (SQLException ex) {
149
Logger.getLogger(MenuModel.class.getName()).log(Level.SEVERE, null, ex);
150         }
151     }
152     public boolean isItemInCart(){
153         PreparedStatement preparedStatement;
154         ResultSet resultSet;
155         String query="select * from orders where
order_status='ADDED_TO_CART' and customer_id=?";
156         try {
157             preparedStatement =connection.prepareStatement(query);
158             preparedStatement.setInt(1, MenuController.i);
159             resultSet=preparedStatement.executeQuery();
160             if(resultSet.next()){
161              return true;
```

```
162                  }else{
163                     return false;
164                   }
165
166
167
168          } catch (SQLException ex) {
169
Logger.getLogger(MenuModel.class.getName()).log(Level.SEVERE, null, ex);
170              return false;
171
172          }
173
174       }
175      public void copy_to_payment(){
176           PreparedStatement preparedStatement;
177           String query="INSERT into payment(order_id) SELECT
orders.order_id FROM orders where orders.order_status='CONFIRMED'";
178           try {
179               preparedStatement =connection.prepareStatement(query);
180               preparedStatement.execute();
181           } catch (SQLException ex) {
182
Logger.getLogger(MenuModel.class.getName()).log(Level.SEVERE, null, ex);
183          }
184       }
185
186
187 }
```

```java
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import javafx.beans.property.SimpleIntegerProperty;
 9 import javafx.beans.property.SimpleStringProperty;
10
11 /**
12  *
13  * @author Winston
14  */
15 public class ModelTable {
16     private final SimpleStringProperty menuname;
17     private final SimpleIntegerProperty menuid;
18     private final SimpleIntegerProperty quantity_item;
19     private final SimpleIntegerProperty price;
20
21     public ModelTable(String menuname, int menuid, int quantity_item,
int price) {
22         this.menuname = new SimpleStringProperty(menuname);
23         this.menuid = new SimpleIntegerProperty(menuid);
24         this.quantity_item = new SimpleIntegerProperty(quantity_item);
25         this.price = new SimpleIntegerProperty(price);
26     }
27
28     public String getMenuname() {
29         return menuname.get();
30     }
31
32     public void setMenuname(String menuname) {
33         this.menuname.set(menuname);
34     }
35
36     public int getMenuid() {
37         return menuid.get();
38     }
39
40     public void setMenuid(int menuid) {
41         this.menuid.set(menuid);
42     }
```

```java
43
44     public int getQuantity_item() {
45         return quantity_item.get();
46     }
47
48     public void setQuantity_item(int quantity_item) {
49         this.quantity_item.set(quantity_item);
50     }
51
52     public int getPrice() {
53         return price.get();
54     }
55
56     public void setPrice(int price) {
57         this.price.set(price);
58     }
59
60
61
62 }
```

```java
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import javafx.beans.property.SimpleIntegerProperty;
 9 import javafx.beans.property.SimpleStringProperty;
10
11 /**
12  *
13  * @author Winston
14  */
15 public class ModelTable1 {
16      private final SimpleIntegerProperty orderno;
17     private final SimpleStringProperty menuname;
18     private final SimpleIntegerProperty quantity_item;
19     private final SimpleStringProperty status;
20
21     public ModelTable1(int orderno, String menuname, int
quantity_item,String status) {
22         this.menuname = new SimpleStringProperty(menuname);
23         this.orderno = new SimpleIntegerProperty(orderno);
24         this.quantity_item = new SimpleIntegerProperty(quantity_item);
25         this.status = new SimpleStringProperty(status);
26     }
27
28     public String getMenuname() {
29         return menuname.get();
30     }
31
32     public void setMenuname(String menuname) {
33         this.menuname.set(menuname);
34     }
35
36     public int getOrderno() {
37         return orderno.get();
38     }
39
40     public void setOrderno(int menuid) {
41         this.orderno.set(menuid);
42     }
```

```
43
44     public int getQuantity_item() {
45          return quantity_item.get();
46     }
47
48     public void setQuantity_item(int quantity_item) {
49          this.quantity_item.set(quantity_item);
50     }
51
52     public String getStatus() {
53          return status.get();
54     }
55
56     public void setPrice(String status) {
57          this.status.set(status);
58     }
59
60
61 }
```

```xml
 1 <?xml version="1.0" encoding="UTF-8"?>
 2
 3 <?import com.jfoenix.controls.JFXButton?>
 4 <?import com.jfoenix.controls.JFXRadioButton?>
 5 <?import javafx.scene.control.Label?>
 6 <?import javafx.scene.control.PasswordField?>
 7 <?import javafx.scene.control.TextField?>
 8 <?import javafx.scene.control.ToggleGroup?>
 9 <?import javafx.scene.image.Image?>
10 <?import javafx.scene.image.ImageView?>
11 <?import javafx.scene.layout.AnchorPane?>
12 <?import javafx.scene.text.Font?>
13
14 <AnchorPane id="AnchorPane" prefHeight="538.0" prefWidth="600.0"
style="-fx-background-color: #5D6D7E;"
xmlns="http://javafx.com/javafx/8.0.171"
xmlns:fx="http://javafx.com/fxml/1"
fx:controller="foody.PaymentController">
15    <children>
16       <AnchorPane layoutX="51.0" layoutY="61.0" prefHeight="415.0"
prefWidth="518.0" style="-fx-background-color: white;">
17          <children>
18             <AnchorPane layoutX="24.0" layoutY="150.0"
prefHeight="186.0" prefWidth="380.0" style="-fx-background-color: #ABEBC6;
-fx-background-radius: 22;">
19                <children>
20                   <ImageView fitHeight="150.0" fitWidth="200.0"
layoutX="321.0" layoutY="-75.0" pickOnBounds="true" preserveRatio="true">
21                      <image>
22                         <Image url="@../images/debit%20card.png" />
23                      </image>
24                   </ImageView>
25                   <TextField fx:id="cardnumtxt" disable="true"
layoutX="36.0" layoutY="26.0" prefHeight="25.0" prefWidth="190.0"
promptText="  XXXX  XXXX XXXX XXXX" />
26                   <TextField fx:id="cardholdertxt" disable="true"
layoutX="36.0" layoutY="75.0" promptText="Card Holder Name" />
27                   <Label layoutX="43.0" layoutY="6.0" prefHeight="17.0"
prefWidth="77.0" text="Card number" textFill="#45943e" />
28                   <TextField fx:id="monthtxt" disable="true"
layoutX="41.0" layoutY="124.0" prefHeight="25.0" prefWidth="45.0"
promptText="MM" />
29                   <Label layoutX="94.0" layoutY="117.0"
prefHeight="36.0" prefWidth="28.0" text="/">
```

```xml
30                    <font>
31                       <Font size="22.0" />
32                    </font>
33                 </Label>
34                 <TextField fx:id="yeartxt" disable="true"
     layoutX="111.0" layoutY="124.0" prefHeight="25.0" prefWidth="38.0"
     promptText="YY" />
35                 <Label layoutX="41.0" layoutY="58.0" prefHeight="17.0"
     prefWidth="107.0" text="Card Holder Name" textFill="#45943e" />
36                 <Label layoutX="219.0" layoutY="58.0"
     prefHeight="17.0" prefWidth="28.0" text="CVV" textFill="#45943e" />
37                 <PasswordField fx:id="cvvtxt" disable="true"
     layoutX="220.0" layoutY="75.0" prefHeight="25.0" prefWidth="55.0"
     promptText="CVV" />
38                 <Label layoutX="41.0" layoutY="109.0"
     prefHeight="17.0" prefWidth="107.0" text=" Expiry Date" textFill="#45943e"
     />
39              </children>
40           </AnchorPane>
41           <JFXRadioButton fx:id="onlinepaybtn" layoutX="148.0"
     layoutY="115.0" onAction="#onlinePayment" prefHeight="17.0"
     prefWidth="208.0" text="Online Payment" textFill="#2e8623">
42              <font>
43                 <Font name="System Bold" size="12.0" />
44              </font>
45              <toggleGroup>
46                 <ToggleGroup fx:id="payment" />
47              </toggleGroup>
48           </JFXRadioButton>
49           <ImageView fitHeight="100.0" fitWidth="116.0" layoutX="24.0"
     layoutY="33.0" pickOnBounds="true" preserveRatio="true">
50              <image>
51                 <Image url="@../images/cod1.png" />
52              </image>
53           </ImageView>
54           <JFXButton buttonType="RAISED" layoutX="185.0"
     layoutY="348.0" onAction="#confirmPayment" prefHeight="43.0"
     prefWidth="149.0" style="-fx-background-color: #fcc511;" text="Confirm"
     textFill="WHITE" />
55           <JFXRadioButton fx:id="codbtn" layoutX="148.0"
     layoutY="83.0" onAction="#cashOnDelivery" prefHeight="17.0"
     prefWidth="141.0" selected="true" text="Cash On Delivery"
     textFill="#2e8623" toggleGroup="$payment">
56              <font>
```

```
57                    <Font name="System Bold" size="12.0" />
58                </font>
59            </JFXRadioButton>
60            <Label fx:id="amounttxt" layoutX="388.0" layoutY="20.0"
prefHeight="36.0" prefWidth="107.0" text="1234" textFill="#ee0c0c">
61                <font>
62                    <Font name="Microsoft YaHei" size="20.0" />
63                </font>
64            </Label>
65            <Label layoutX="281.0" layoutY="19.0" prefHeight="39.0"
prefWidth="107.0" text="Amount Rs." textFill="#252121">
66                <font>
67                    <Font name="SansSerif Regular" size="20.0" />
68                </font>
69            </Label>
70            <Label fx:id="warning" layoutX="356.0" layoutY="361.0"
prefHeight="17.0" prefWidth="126.0" textFill="RED">
71                <font>
72                    <Font size="15.0" />
73                </font>
74            </Label>
75         </children>
76      </AnchorPane>
77      <Label layoutX="237.0" layoutY="24.0" prefHeight="36.0"
prefWidth="126.0" text="Payment" textFill="#fcc511">
78         <font>
79             <Font name="SansSerif Bold" size="28.0" />
80         </font>
81      </Label>
82      <ImageView fitHeight="150.0" fitWidth="200.0" layoutX="386.0"
layoutY="488.0" pickOnBounds="true" preserveRatio="true">
83         <image>
84             <Image url="@../images/credit-card-pay-pal-icons.png" />
85         </image>
86      </ImageView>
87      <ImageView fitHeight="83.0" fitWidth="100.0" layoutX="386.0"
pickOnBounds="true" preserveRatio="true">
88         <image>
89             <Image url="@../images/cod.png" />
90         </image>
91      </ImageView>
92   </children>
93 </AnchorPane>
```

```
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import com.jfoenix.controls.JFXRadioButton;
 9 import static foody.MenuController.i;
10 import java.io.IOException;
11 import java.net.URL;
12 import java.sql.Connection;
13 import java.sql.PreparedStatement;
14 import java.sql.ResultSet;
15 import java.sql.SQLException;
16 import java.util.Optional;
17 import java.util.ResourceBundle;
18 import java.util.logging.Level;
19 import java.util.logging.Logger;
20 import javafx.event.ActionEvent;
21 import javafx.fxml.FXML;
22 import javafx.fxml.FXMLLoader;
23 import javafx.fxml.Initializable;
24 import javafx.scene.Node;
25 import javafx.scene.Parent;
26 import javafx.scene.Scene;
27 import javafx.scene.control.Alert;
28 import javafx.scene.control.ButtonType;
29 import javafx.scene.control.Label;
30 import javafx.scene.control.PasswordField;
31 import javafx.scene.control.TextField;
32 import javafx.scene.control.ToggleGroup;
33 import javafx.stage.Stage;
34 import javafx.stage.StageStyle;
35
36 /**
37  * FXML Controller class
38  *
39  * @author Winston
40  */
41 public class PaymentController implements Initializable {
42     public PaymentModel paymentModel =new PaymentModel();
43     /*
```

```java
44      @FXML
45      private JFXRadioButton onlinepaybtn;
46
47      @FXML
48      private ToggleGroup payment;
49
50      @FXML
51      private JFXRadioButton codbtn;
52       */
53
54      @FXML
55      private TextField cardnumtxt;
56
57      @FXML
58      private TextField cardholdertxt;
59
60      @FXML
61      private TextField monthtxt;
62
63      @FXML
64      private TextField yeartxt;
65
66      @FXML
67      private PasswordField cvvtxt;
68      @FXML
69      private Label amounttxt;
70      @FXML
71      private Label warning;
72
73
74      Connection con ;
75    // public static int ze;
76
77        public PaymentController(){
78         con = SqlConnection.Connector();
79      }
80      @Override
81      public void initialize(URL url, ResourceBundle rb) {
82         i= LoginController.cust_id;//customer id which is primary key
83          //ze= MenuController.i;
84          System.out.println(""+i);
85
86          if(paymentModel.isDbConnected()){
87              System.out.println("Db connected");
```

```java
 88            }else{
 89                System.out.println("Db not connected");
 90            }
 91             calculate();
 92
 93        }
 94         public void calculate(){
 95            try {
 96
 97                String query="SELECT sum(menu.price*quantity) as
totalamount FROM orders JOIN menu ON orders.menu_id=menu.menu_id WHERE
orders.customer_id="+i+" and order_status='CONFIRMED'";
 98                ResultSet rs =con.createStatement().executeQuery(query);
 99                while(rs.next()){
100
101                    int totalamount=rs.getInt("totalamount");
102
103                    amounttxt.setText(Integer.toString(totalamount));
104                }
105            } catch (SQLException ex) {
106
Logger.getLogger(MenuController.class.getName()).log(Level.SEVERE, null,
ex);
107            }
108        }
109
110        @FXML
111         public void ConfirmedScreen(ActionEvent event) throws Exception  {
112
113 Stage primaryStage =new Stage();
114                primaryStage.initStyle(StageStyle.UNDECORATED);
115 Parent root =FXMLLoader.load(getClass().getResource("Confirmed.fxml"));
116 Scene scene = new Scene(root);
117 primaryStage.setScene(scene);
118 primaryStage.show();
119
120            // Hide this current window (if this is what you want)
121            ((Node)(event.getSource())).getScene().getWindow().hide();
122 }
123        public void cashOnDelivery(ActionEvent event){
124            cardnumtxt.setDisable(true);
125            cardholdertxt.setDisable(true);
126            cvvtxt.setDisable(true);
127            monthtxt.setDisable(true);
```

```
128          yeartxt.setDisable(true);
129          String query= "UPDATE payment SET
payment.payment_type='CASH_ON_DELIVERY' WHERE
payment.payment_status='NOT_CONFIRMED' and order_id IN(SELECT order_id from
orders WHERE orders.order_id=payment.order_id and customer_id=?)";
130          PreparedStatement pst;
131          try {
132              pst =con.prepareStatement(query);
133              pst.setInt(1, i);
134              pst.execute();
135          } catch (SQLException ex) {
136
Logger.getLogger(PaymentController.class.getName()).log(Level.SEVERE, null,
ex);
137          }
138
139      }
140      public void onlinePayment(ActionEvent event){
141          cardnumtxt.setDisable(false);
142          cardholdertxt.setDisable(false);
143          cvvtxt.setDisable(false);
144          monthtxt.setDisable(false);
145          yeartxt.setDisable(false);
146          String query="UPDATE payment SET
payment.payment_type='ONLINE_PAYMENT' WHERE
payment.payment_status='NOT_CONFIRMED' and order_id IN(SELECT order_id from
orders WHERE orders.order_id=payment.order_id and customer_id=?)";
147          PreparedStatement pst;
148          try {
149              pst =con.prepareStatement(query);
150              pst.setInt(1, i);
151              pst.execute();
152          } catch (SQLException ex) {
153
Logger.getLogger(PaymentController.class.getName()).log(Level.SEVERE, null,
ex);
154          }
155      }
156      public void confirmPayment(ActionEvent event){
157          try {
158              if(paymentModel.isPaymentOnline()){
159
if(!(cardnumtxt.getText().isEmpty()||cardholdertxt.getText().isEmpty()||cvv
txt.getText().isEmpty()||monthtxt.getText().isEmpty()||yeartxt.getText().is
```

```
Empty())){
160
161
162                          if(!(cardnumtxt.getText().length()==16)){
163                              warning.setText("enter valid card numder");
164                              return;
165                          }else if(!(cvvtxt.getText().length()==3)){
166                              warning.setText("enter valid CVV");
167                              return;
168                          }else
if(!((monthtxt.getText()).matches("0?[1-9]|1[012]"))){
169                              warning.setText("Enter valid month");
170                              return;
171                          }else
if(!((yeartxt.getText()).matches("1[8-9]|2[0-9]|3[0-9]|4[0-9]|5[0-9]"))){
172                              warning.setText("Enter valid year");
173                              return;
174                          }else{
175                          warning.setText("");
176                          String card=cardnumtxt.getText();
177                          String cardh=cardholdertxt.getText();
178                          int cvvpass=Integer.parseInt(cvvtxt.getText());
179                          int month=Integer.parseInt(monthtxt.getText());
180                          int year=Integer.parseInt(yeartxt.getText());
181                          paymentModel.insert_payment_details(card,cardh
,cvvpass ,month,year);
182                          paymentModel.update_payment_status_to_confirmed();
183                          paymentModel.update_status_to_payment_confirmed();
184                          infoBox1("Payment Sucessfull", null, "sucess");
185                          }
186
187                          try {
188                              Node node = (Node)event.getSource();
189                              Stage dialogStage = (Stage)
node.getScene().getWindow();
190                              dialogStage.close();
191                              Scene scene;
192                              scene = new
Scene(FXMLLoader.load(getClass().getResource("Confirmed.fxml")));
193                              dialogStage.setScene(scene);
194                              dialogStage.show();
195                          } catch (IOException ex) {
196
Logger.getLogger(PaymentController.class.getName()).log(Level.SEVERE, null,
```

```
ex);
197                      }
198
199                  }else{
200                     infoBox1("enter the payment
details",null,"Alert!");
201                  }
202              }else{
203                 paymentModel.update_payment_status_to_confirmed();
204                 paymentModel.update_status_to_payment_confirmed();
205                 infoBox1("Order Confirmed",null, "Success");
206                 try {
207                         Node node = (Node)event.getSource();
208                         Stage dialogStage = (Stage)
node.getScene().getWindow();
209                         dialogStage.close();
210                         Scene scene;
211                         scene = new
Scene(FXMLLoader.load(getClass().getResource("Confirmed.fxml")));
212                         dialogStage.setScene(scene);
213                         dialogStage.show();
214                     } catch (IOException ex) {
215
Logger.getLogger(PaymentController.class.getName()).log(Level.SEVERE, null,
ex);
216                     }
217             }
218         } catch (SQLException ex) {
219
Logger.getLogger(PaymentController.class.getName()).log(Level.SEVERE, null,
ex);
220         }
221     }
222      public static boolean infoBox(String infoMessage, String
headerText, String title){
223         Alert alert = new Alert(Alert.AlertType.CONFIRMATION);
224         alert.setContentText(infoMessage);
225         alert.setTitle(title);
226         alert.setHeaderText(headerText);
227         alert.getButtonTypes();
228
229         Optional<ButtonType> result = alert.showAndWait();
230         if (result.get() == ButtonType.OK){
231             // ... user chose OK button
```

```
232          return true;
233          } else {
234          // ... user chose CANCEL or closed the dialog
235          return false;
236          }
237
238      }
239
240      public static void infoBox1(String infoMessage, String headerText,
String title){
241          Alert alert = new Alert(Alert.AlertType.INFORMATION);
242          alert.setTitle(title);
243          alert.setHeaderText(headerText);
244          alert.setContentText(infoMessage);
245          alert.showAndWait();
246      }
247      public  void Logout(ActionEvent event){
248          System.exit(0);
249      }
250
251 }
```

```
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import java.sql.Connection;
 9 import java.sql.PreparedStatement;
10 import java.sql.ResultSet;
11 import java.sql.SQLException;
12 import java.util.logging.Level;
13 import java.util.logging.Logger;
14
15 /**
16  *
17  * @author Winston
18  */
19 public class PaymentModel {
20     Connection connection;
21    public PaymentModel(){
22        connection =SqlConnection.Connector();
23        if(connection==null){
24            System.exit(0);
25            System.out.println("notconnected");
26        }
27     }
28    public boolean isDbConnected(){
29        try {
30            return !connection.isClosed();
31        } catch (SQLException ex) {
32            System.out.println("error");
33
Logger.getLogger(PaymentModel.class.getName()).log(Level.SEVERE, null, ex);
34            System.out.println("error");
35            return false;
36
37        }
38     }
39    public boolean isPaymentOnline() throws SQLException{
40        PreparedStatement preparedStatement =null ;
41        ResultSet resultSet=null ;
42        String query="Select * from payment where
```

```
payment_status='NOT_CONFIRMED' and payment_type='ONLINE_PAYMENT' and
order_id IN (SELECT order_id from orders where
orders.order_id=payment.order_id and customer_id=?)";
43          try {
44              preparedStatement =connection.prepareStatement(query);
45              preparedStatement.setInt(1, MenuController.i);
46              resultSet=preparedStatement.executeQuery();
47              if(resultSet.next()){
48                  return true;
49              }else{
50                  return false;
51              }
52          } catch (SQLException ex) {
53
54              System.out.println(""+ex);
55              return false;
56          } finally{
57              if(preparedStatement !=null){
58              preparedStatement.close();
59              }
60              if(resultSet!=null){
61              resultSet.close();
62              }
63          }
64
65      }
66
67      public void update_payment_status_to_confirmed() throws
SQLException{
68          PreparedStatement preparedStatement =null;
69          String query="update payment SET
payment.payment_status='CONFIRMED' where order_id IN(select order_id from
orders where orders.order_id=payment.order_id and customer_id=?)";
70          try {
71              preparedStatement =connection.prepareStatement(query);
72              preparedStatement.setInt(1, MenuController.i);
73              preparedStatement.execute();
74          } catch (SQLException ex) {
75
Logger.getLogger(PaymentModel.class.getName()).log(Level.SEVERE, null, ex);
76          }finally{
77              if(preparedStatement!=null){
78                  preparedStatement.close();
79              }
```

```
 80
 81            }
 82       }
 83     public void insert_payment_details(String cardnumber,String
cardholdername,int cvv,int month,int year) throws SQLException{
 84          PreparedStatement preparedStatement=null;
 85          String query="INSERT INTO
payment_details(customer_id,card_number,card_holder_name,cvv,exp_month,exp_
year) VALUES(?,?,?,?,?,?)";
 86           try {
 87               preparedStatement =connection.prepareStatement(query);
 88               preparedStatement.setInt(1, MenuController.i);
 89               preparedStatement.setString(2,cardnumber);
 90               preparedStatement.setString(3, cardholdername);
 91               preparedStatement.setInt(4, cvv);
 92               preparedStatement.setInt(5,month);
 93               preparedStatement.setInt(6,year);
 94               preparedStatement.execute();
 95           } catch (SQLException ex) {
 96
Logger.getLogger(PaymentModel.class.getName()).log(Level.SEVERE, null, ex);
 97           }finally{
 98               preparedStatement.close();
 99
100          }
101      }
102     public void update_status_to_payment_confirmed(){
103          PreparedStatement preparedStatement;
104          String query="update orders set
order_status='PAYMENT_CONFIRMED' where order_status='CONFIRMED' and
customer_id= ?";
105          try {
106               preparedStatement =connection.prepareStatement(query);
107               preparedStatement.setInt(1, MenuController.i);
108               preparedStatement.execute();
109
110          } catch (SQLException ex) {
111
Logger.getLogger(MenuModel.class.getName()).log(Level.SEVERE, null, ex);
112          }
113      }
114
115 }
```

```xml
 1 <?xml version="1.0" encoding="UTF-8"?>
 2
 3 <?import com.jfoenix.controls.JFXButton?>
 4 <?import com.jfoenix.controls.JFXPasswordField?>
 5 <?import com.jfoenix.controls.JFXTextField?>
 6 <?import javafx.scene.control.Label?>
 7 <?import javafx.scene.image.Image?>
 8 <?import javafx.scene.image.ImageView?>
 9 <?import javafx.scene.layout.AnchorPane?>
10 <?import javafx.scene.text.Font?>
11
12 <AnchorPane id="AnchorPane" prefHeight="580.0" prefWidth="640.0"
style="-fx-background-color: #566573;"
xmlns="http://javafx.com/javafx/8.0.171"
xmlns:fx="http://javafx.com/fxml/1" fx:controller="foody.SignupController">
13    <children>
14       <AnchorPane layoutX="43.0" layoutY="73.0" prefHeight="462.0"
prefWidth="556.0" style="-fx-background-color: white;">
15          <children>
16             <JFXTextField fx:id="textfname" focusColor="#f24541"
labelFloat="true" layoutX="55.0" layoutY="100.0" prefHeight="25.0"
prefWidth="206.0" promptText="First Name" unFocusColor="#f0ab41" />
17             <JFXTextField fx:id="textlname" focusColor="#f24541"
labelFloat="true" layoutX="321.0" layoutY="100.0" prefHeight="25.0"
prefWidth="206.0" promptText="Last Name" unFocusColor="#f0ab41" />
18             <JFXTextField fx:id="textemail" focusColor="#f24541"
labelFloat="true" layoutX="55.0" layoutY="161.0" prefHeight="25.0"
prefWidth="218.0" promptText="Email" unFocusColor="#f0ab41" />
19             <JFXPasswordField fx:id="textpass" focusColor="#f24541"
labelFloat="true" layoutX="55.0" layoutY="217.0" prefHeight="25.0"
prefWidth="206.0" promptText="Password" unFocusColor="#f0ab41" />
20             <JFXTextField fx:id="textnumber" focusColor="#f24541"
labelFloat="true" layoutX="321.0" layoutY="161.0" prefHeight="25.0"
prefWidth="206.0" promptText="Mobile Number" unFocusColor="#f0ab41" />
21             <JFXTextField fx:id="textstate" focusColor="#f24541"
labelFloat="true" layoutX="55.0" layoutY="271.0" prefHeight="25.0"
prefWidth="206.0" promptText="State" unFocusColor="#f0ab41" />
22             <JFXTextField fx:id="textcity" focusColor="#f24541"
labelFloat="true" layoutX="330.0" layoutY="271.0" prefHeight="25.0"
prefWidth="206.0" promptText="City" unFocusColor="#f0ab41" />
23             <JFXTextField fx:id="textland" focusColor="#f24541"
labelFloat="true" layoutX="55.0" layoutY="330.0" prefHeight="25.0"
prefWidth="218.0" promptText="Landmark" unFocusColor="#f0ab41" />
24             <JFXTextField fx:id="textpin" focusColor="#f24541"
```

```
labelFloat="true" layoutX="330.0" layoutY="330.0" prefHeight="25.0"
prefWidth="206.0" promptText="Pincode" unFocusColor="#f0ab41" />
25          <Label layoutX="218.0" layoutY="33.0" prefHeight="39.0"
prefWidth="111.0" text="Sign Up " textFill="#f7a31e">
26             <font>
27                <Font name="System Bold" size="27.0" />
28             </font>
29          </Label>
30          <ImageView fitHeight="150.0" fitWidth="200.0"
layoutX="-36.0" layoutY="-61.0" pickOnBounds="true" preserveRatio="true">
31             <image>
32                <Image url="@../images/burger.png" />
33             </image>
34          </ImageView>
35          <JFXButton buttonType="RAISED" layoutX="196.0"
layoutY="404.0" onAction="#Signup" prefHeight="25.0" prefWidth="130.0"
style="-fx-background-color: #f4aa41;" text="Signup" textFill="WHITE" />
36          <Label fx:id="alertLabel" layoutX="196.0" layoutY="374.0"
prefHeight="17.0" prefWidth="218.0" textFill="#f50909">
37             <font>
38                <Font name="Microsoft YaHei" size="12.0" />
39             </font>
40          </Label>
41       </children>
42    </AnchorPane>
43    <JFXButton buttonType="RAISED" layoutX="548.0" layoutY="20.0"
onAction="#exitScreen" style="-fx-background-color: #CCD1D1;" text="CLOSE"
textFill="#ff0f0f" />
44   </children>
45 </AnchorPane>
```

```java
 1 /*
 2  * To change this license header, choose License Headers in Project
Properties.
 3  * To change this template file, choose Tools | Templates
 4  * and open the template in the editor.
 5  */
 6 package foody;
 7
 8 import com.jfoenix.controls.JFXPasswordField;
 9 import com.jfoenix.controls.JFXTextField;
10 import java.io.IOException;
11 import java.net.URL;
12 import java.sql.SQLException;
13 import java.util.ResourceBundle;
14 import java.util.logging.Level;
15 import java.util.logging.Logger;
16 import java.util.regex.Pattern;
17 import javafx.event.ActionEvent;
18 import javafx.fxml.FXML;
19 import javafx.fxml.FXMLLoader;
20 import javafx.fxml.Initializable;
21 import javafx.scene.Node;
22 import javafx.scene.Parent;
23 import javafx.scene.Scene;
24 import javafx.scene.control.Alert;
25 import javafx.scene.control.Alert.AlertType;
26 import javafx.scene.control.Label;
27 import javafx.stage.Stage;
28 import javafx.stage.StageStyle;
29
30 /**
31  * FXML Controller class
32  *
33  * @author Winston
34  */
35 public class SignupController implements Initializable {
36    public SignupModel signupModel= new SignupModel();
37     @FXML
38     private JFXTextField textfname;
39
40     @FXML
41     private JFXTextField textlname;
42
43     @FXML
```

```java
44        private JFXTextField textemail;

45

46     @FXML
47     private JFXPasswordField textpass;

48

49     @FXML
50     private JFXTextField textnumber;

51

52     @FXML
53     private JFXTextField textstate;

54

55     @FXML
56     private JFXTextField textcity;

57

58     @FXML
59     private JFXTextField textland;

60

61     @FXML
62     private JFXTextField textpin;
63     @FXML
64     private JFXPasswordField textpassconf;

65

66

67

68     @FXML
69     private Label alertLabel;
70     private int pin;

71

72

73    @FXML
74    private void exitScreen(ActionEvent event){
75         System.exit(0);
76     }

77

78     public static boolean isValid(String iemail)
79     {
80         String emailRegex = "^[a-zA-Z0-9_+&*-]+(?:\\."+
81                             "[a-zA-Z0-9_+&*-]+)*@" +
82                             "(?:[a-zA-Z0-9-]+\\.)+[a-z" +
83                             "A-Z]{2,7}$";

84

85         Pattern pat = Pattern.compile(emailRegex);
86         if (iemail == null)
87             return false;
```

```java
 88            return pat.matcher(iemail).matches();
 89        }
 90
 91      @FXML
 92      public void loginScreen(ActionEvent event) throws Exception  {
 93 Stage primaryStage =new Stage();
 94                  primaryStage.initStyle(StageStyle.UNDECORATED);
 95 Parent root =FXMLLoader.load(getClass().getResource("Login.fxml"));
 96 Scene scene = new Scene(root);
 97 primaryStage.setScene(scene);
 98 primaryStage.show();
 99
100            // Hide this current window (if this is what you want)
101            ((Node)(event.getSource())).getScene().getWindow().hide();
102 }
103
104
105
106     @Override
107     public void initialize(URL url, ResourceBundle rb) {
108         if(signupModel.isDbConnected()){
109             System.out.println("connected");
110         }else{
111             System.out.println("not connected");
112         }
113     }
114     @FXML
115     public void Signup(ActionEvent event){
116
117         String fname=textfname.getText();
118         String lname=textlname.getText();
119         String  email=textemail.getText().toLowerCase();
120         String pass=textpass.getText();
121
122         String phone=textnumber.getText();
123         String state=textstate.getText().toLowerCase();
124         String city=textcity.getText().toLowerCase();
125         String landmark=textland.getText().toLowerCase();
126
127         try{
128          pin=Integer.parseInt(textpin.getText());
129         }catch(NumberFormatException ex){
130             alertLabel.setText("Please fill blank fields");
131         }
```

```
132
133         try {
134             if((fname.isEmpty()|| lname.isEmpty() || email.isEmpty() ||
pass.isEmpty() || phone.isEmpty() || state.isEmpty() || city.isEmpty() ||
landmark.isEmpty() ||(textpin.getText()).isEmpty() )){
135                 alertLabel.setText("Please fill blank fields");
136
137             } else if(!((lname).matches("[a-zA-Z]+"))){
138                 alertLabel.setText("invalid name format");
139
140             }
141             else if(!((fname).matches("[a-zA-Z]+"))){
142                 alertLabel.setText("invalid name format");
143             }else if(!(isValid(email))){
144                 alertLabel.setText("invalid email");
145             }else if(!(pass.length()>=4)){
146                 alertLabel.setText("Password length should be more than
4");
147             }else
if(!(phone.matches("[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]"))){
148                 alertLabel.setText("invalid phone number");
149             }else if(!((state).matches("[a-zA-Z]+"))){
150                 alertLabel.setText("invalid state field");
151             }else if(!((city).matches("[a-zA-Z]+"))){
152                 alertLabel.setText("invalid state field");
153             }else if
(!(Integer.toString(pin).matches("[0-9][0-9][0-9][0-9][0-9][0-9]"))){
154                 alertLabel.setText("invalid picode");
155             }else if(signupModel.isEmail(email)){
156                 alertLabel.setText("email already present");
157                 return;
158             }
159             else{
160                 alertLabel.setText("");
161                 signupModel.isSignup(fname, lname, email, pass, phone,
state, city, landmark, pin);
162                 alertLabel.setText("Signup Scucessfull");
163                 infoBox("Signup Successfull",null,"Success" );
164                 Node node = (Node)event.getSource();
165                 Stage dialogStage = (Stage) node.getScene().getWindow();
166                 dialogStage.close();
167                 Scene scene = new
Scene(FXMLLoader.load(getClass().getResource("Login.fxml")));
168                 dialogStage.setScene(scene);
```

```
169                 dialogStage.show();
170            }
171
172         } catch (SQLException ex) {
173             alertLabel.setText("Please fill balnk fields");
174
Logger.getLogger(SignupController.class.getName()).log(Level.SEVERE, null,
ex);
175         }catch(IOException ex){
176             System.out.println(""+ex);
177         }
178
179
180
181      }
182   public static void infoBox(String infoMessage, String headerText,
String title){
183         Alert alert = new Alert(Alert.AlertType.INFORMATION);
184         alert.setContentText(infoMessage);
185         alert.setTitle(title);
186         alert.setHeaderText(headerText);
187         alert.showAndWait();
188     }
189
190
191
192 }
```

```java
 1 /*
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Properties.
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 5  */
 6 package foody;
 7
 8 import java.sql.Connection;
 9 import java.sql.PreparedStatement;
10 import java.sql.ResultSet;
11 import java.sql.SQLException;
12 import java.util.logging.Level;
13 import java.util.logging.Logger;
14
15 /**
16  *
17  * @author Winston
18  */
19 public class SignupModel {
20   Connection connection;
21     public SignupModel(){
22         connection =SqlConnection.Connector();
23         if(connection==null){
24             System.exit(0);
25             System.out.println("notconnected");
26         }
27     }
28     public boolean isDbConnected(){
29         try {
30             return !connection.isClosed();
31         } catch (SQLException ex) {
32             System.out.println("error");
33
Logger.getLogger(SignupModel.class.getName()).log(Level.SEVERE, null, ex);
34            System.out.println("error");
35            return false;
36
37        }
38
39    }
40    public void isSignup(String fname,String lname,String email,String
password,String phone,String state,String city,String landmark,int pincode)
throws SQLException{
```

```
41          PreparedStatement preparedStatement =null;
42          String query="insert into customer
(first_name,last_name,email_id,password,phone_no,state,city,landmark,pincod
e)"+"value(?,?,?,?,?,?,?,?,?)";
43      try {
44          preparedStatement=connection.prepareStatement(query);
45          preparedStatement.setString(1,fname);
46          preparedStatement.setString(2,lname);
47          preparedStatement.setString(3,email);
48          preparedStatement.setString(4,password);
49          preparedStatement.setString(5,phone);
50          preparedStatement.setString(6, state);
51          preparedStatement.setString(7,city );
52          preparedStatement.setString(8, landmark);
53          preparedStatement.setInt(9, pincode);
54          preparedStatement.execute();
55      } catch (SQLException ex) {
56
Logger.getLogger(SignupModel.class.getName()).log(Level.SEVERE, null, ex);
57      }finally{
58          connection.close();
59      }
60
61
62
63    }
64    public boolean isEmail(String email) throws SQLException{
65        PreparedStatement preparedStatement = null ;
66        ResultSet resultSet =null;
67        String query="select * from customer where email_id=?";
68        try{
69            preparedStatement =connection.prepareStatement(query);
70            preparedStatement.setString(1,email);
71            resultSet=preparedStatement.executeQuery();
72            if(resultSet.next()){
73                return true;
74            }else{
75                return false;
76            }
77        }catch(SQLException e){
78            System.out.println(" no!"+e);
79            return false;
80        }finally{
81            preparedStatement.close();
```

```
82              resultSet.close();
83          }
84      }
85 }
```

```java
 1 /*
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Properties.
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 5  */
 6 package foody;
 7
 8 import java.sql.Connection;
 9 import java.sql.DriverManager;
10 import java.sql.SQLException;
11
12 /**
13  *
14  * @author Winston
15  */
16 public class SqlConnection {
17     public static Connection Connector(){
18        try {
19            String s
="jdbc:mysql://localhost:3306/foody?zeroDateTimeBehavior=convertToNull";
20            Class.forName("com.mysql.jdbc.Driver");
21            Connection conn= (Connection) DriverManager.getConnection(s,
"code","code123");
22            return conn;
23        } catch (ClassNotFoundException | SQLException e) {
24            System.out.println(" "+e);
25          return null;
26
27        }
28
29     }
30 }
```