[all classes] [models]

Coverage Summary for Class: User (models)

Class	Class, %	Method, %	Line, %
User	100% (1/ 1)	92.3% (12/ 13)	86.3% (44/ 51)

```
1   package models;
2
3   import controllers.routes;
4   import views.html.home;
5
6   import java.sql.*;
7   import java.util.ArrayList;
8
9   /**
10   * Created by akshay on 10/29/2016.
11   */
12  public class User {
13
14      private long fbId;
15      private String firstName;
16      private String lastName;
17      private String email;
18
19      public User() {
20      }
21
22      public User(long fbId, String firstName, String lastName, String email) {
23          this.fbId = fbId;
24          this.firstName = firstName;
25          this.lastName = lastName;
26          this.email = email;
27      }
28
29      public long getFbId() {
30          return fbId;
31      }
32
33      public void setFbId(long fbId) {
34          this.fbId = fbId;
35      }
36
37      public String getFirstName() {
38          return firstName;
39      }
40
41      public void setFirstName(String firstName) {
42          this.firstName = firstName;
43      }
44
45      public String getLastName() {
46          return lastName;
47      }
48
49      public void setLastName(String lastName) {
50          this.lastName = lastName;
51      }
52
53      public String getEmail() {
54          return email;
55      }
56
57      public void setEmail(String email) {
58          this.email = email;
59      }
60
61      public boolean checkUserConditions(){
62          if(Long.toString(fbId).length() > 25 || Long.toString(fbId).length() == 0 || firstName.length() > 30
63                  || firstName.length() == 0 || lastName.length() > 30 || lastName.length() == 0 || email.length() > 30
64                  || email.length() == 0)
65              return false;
66          return true;
67      }
```

```
 68
 69        public boolean addToDatabase() throws ClassNotFoundException {
 70            return addToDatabase(false);
 71        }
 72
 73        public boolean addToDatabase(boolean isTest) throws ClassNotFoundException {
 74            String myDriver = null;
 75            String myURL = null;
 76            if(isTest) {
 77                myDriver = "com.mysql.jdbc.Driver";
 78                myURL = "jdbc:mysql://localhost:3306/mydatabase";
 79            }
 80            else
 81            {
 82                myDriver = "com.mysql.jdbc.Driver";
 83                myURL = "jdbc:mysql://lionmart.cvkcqiaoutkr.us-east-1.rds.amazonaws.com:3306/lionmart";
 84            }
 85            try {
 86                Class.forName(myDriver);
 87                Connection conn = null;
 88                if(isTest)
 89                {
 90                    conn = DriverManager.getConnection(myURL, "root", "");
 91                }
 92                else
 93                {
 94                    conn = DriverManager.getConnection(myURL, "lionadmin", "lionlynx42");
 95                }
 96                Statement st = conn.createStatement();
 97                st.executeUpdate("CREATE TABLE IF NOT EXISTS user (id VARCHAR(25) PRIMARY KEY, fname VARCHAR(30), lname VARCHAR(30), email VARCHAR(60))");
 98                boolean shouldInsert = checkUserConditions();
 99                if (shouldInsert)
100                    st.executeUpdate("INSERT INTO user(id, fname, lname, email) VALUES ('"+ this.fbId +"','"+ this.firstName +"','"+ this.lastName +"','"+ this.email+"')");
101                else
102                    return false;
103                if(isTest)
104                    st.executeUpdate("DROP TABLE user;");
105                conn.close();
106                return true;
107            } catch (SQLException e) {
108                e.printStackTrace();
109                return false;
110            }
111        }
112
113 //    public ArrayList<Product> getProductsUploaded() throws ClassNotFoundException {
114 //        ArrayList<Product> productList = new ArrayList<Product>();
115 //        String myDriver = "com.mysql.jdbc.Driver";
116 //        String myURL = "jdbc:mysql://lionmart.cvkcqiaoutkr.us-east-1.rds.amazonaws.com:3306/lionmart?zeroDateTimeBehavior=convertToNull";
117 //        try {
118 //            Class.forName(myDriver);
119 //            Connection conn = DriverManager.getConnection(myURL, "lionadmin", "lionlynx42");
120 //            Statement st = conn.createStatement();
121 //            st.executeUpdate("CREATE TABLE IF NOT EXISTS product (id INT PRIMARY KEY, price DECIMAL(8,2), imagepath VARCHAR(100),category INT NOT NULL,price_bought DECIMAL(8,2) NOT NULL,description TEXT NOT NULL,date_u
122 //            ResultSet rs = st.executeQuery("SELECT * FROM product WHERE user_id='"+ this.fbId+"' ORDER BY date_upload DESC");
123 //
124 //            while(rs.next()){
125 //                Product obj = new Product(rs.getLong("id"),rs.getString("user_id"),rs.getString("imagepath"),rs.getFloat("price"),rs.getString("description"),rs.getDate("date_upload"),rs.getDate("date_sold"),  rs.getFl
126 //                productList.add(obj);
127 //            }
128 //            conn.close();
129 //            return productList;
130 //
131 //        } catch (SQLException e) {
132 //            e.printStackTrace();
133 //            return null;
134 //        }
135 //    }
136
137 }
```

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