

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.cvkciaoutkr.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 }
```

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