HW 5 – Christopher Scott

1. Missing Database Driver

Within the DbConn Java class on lines 20 and 21 the jdbc driver is identified as a string and an instance is created. If the driver JAR file were missing it would cause the same problem. When I remove both of those line and run the JSP page I get the following error:

Error in DbConn. Problem getting connection:No suitable driver found for jdbc:mysql://localhost:3307/sallyk\_3308?user=sallyk&password=Vaca1415

1. Database Unreachable

To generate this error I changed the string variable url in DbConn to look for the database on an incorrect port.

Error in DbConn. Problem getting connection:Communications link failure

The last packet sent successfully to the server was 0 milliseconds ago. The driver has not received any packets from the server.

1. Database Not Authorized

This error was caused by changing the string variable dbAndPass in DbConn to be an empty string.

Error in DbConn. Problem getting connection:Access denied for user ''@'cis-linux2.temple.edu' (using password: NO)

1. Syntax error in SQL statement

By removing the SELECT keywork from the sql string in WebUserView I was able to generate a sql syntax error.

"Exception thrown in WebUserView.allUsersAPI(): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'web\_user\_id, user\_email, user\_password, image, membership\_fee, birthday, web\_use' at line 1"

1. Error Extracting Data from Result Set (bad column name)

This error was generated by changing a column name argument in StringData to be incorrect relative to the table columns.

"Exception thrown in model.webUser.StringData (the constructor that takes a ResultSet): Column 'membership\_fe' not found."

1. Error Extracting Data from Result Set (wrong data type)

In StringData if the wrong method from FormatUtils for the data type is called the following error will result:

"bad date in FormatUtils.formatDate: 1 error: java.lang.Integer cannot be cast to java.util.Date"