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2/13/17

CIS 3308 Web Application Development Hw 4: Data Display Lab

1. Error Type: Missing Database Driver

Glassfish: Warning: Could not find file C:\Users\sallyk\Documents\NetBeansProjects\mysql-connector-java-5.1.14-bin.jar to copy.

JSP page: Problem getting driver:com.mysql.jdbc.Driver

In order to fix this error, the jar file for the jdbc driver should be added to the libraries folder of the project.

1. Error Type: Database Unreachable

JSP page: Exception thrown in WebUserSql.listAllUsers(): No database selected

partial output:

To fix this error, check the connection string url that used for the DriverManager to get the connection and make sure that it is properly written.

1. Error Type: Database Not Authorized

Glassfish: Error in DbConn. Problem getting connection:Access denied for user 'sallyk'@'CIS-Linux2.temple.edu' (using password: YES)

JSP page: Problem getting connection:Access denied for user 'sallyk'@'CIS-Linux2.temple.edu' (using password: YES)

To fix this, make sure that the username and the password are both correct in the connection string.

Glassfish: Error in DbConn. Problem getting connection:Access denied for user 'sallyk'@'%' to database 'asdfsdjlj'

JSP page: Problem getting connection:Access denied for user 'sallyk'@'%' to database 'asdfsdjlj'

Normally to fix this, check the name of the sql database in the connection string.

1. Error Type: Syntax error in SQL Statement

JSP page: Exception thrown in WebUserSql.listAllUsers(): 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 'from web\_user' at line 1

In order to fix this in this case, remove the comma before the from keyword. In general though, one would need to go back to the prepared statement and look for and fix and syntax errors in the java class file.

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

JSP page: Exception thrown in WebUserSql.listAllUsers(): Column 'invalidNameStuff' not found.

To fix this error with the result set, make sure that no calls to non-existing column names are made but if so, delete those.

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

JSP page: Exception thrown in WebUserSql.listAllUsers(): Invalid value for getInt() - 'sallyk'

To fix this error, change the getInt() method to the appropriate method call for that datatype which in this case is getObject(). Generally, it’s better in practice to get it back as an object and then call a formatter to format to the specified datatype.