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CIS 3308

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<u>Web API Homework</u>

1.) Missing Database Driver

  <u>Message</u>:

  Problem getting driver:com.mysql.jdbc.Drive

```
try {
    //SHOULD BE:
    String DRIVER = "com.mysql.jdbc.Driver";
    // NOT: String DRIVER = "com.mysql.jdbc.Drive";
    Class.forName(DRIVER).newInstance();
```

  Changed variable 'driver'

2.) Database Unreachable

  <u>Message</u>: "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."

  Did this by exiting putty (not tunneled in)

3.) Database Not Authorized

  <u>Message</u>: "Problem getting connection:Access denied for user 'sallyk'@'cis-   l

  inux2.temple.edu' (using password: YES)"

Did this by putting in an incorrect password in DBConn

4.) Syntax Error in SQL Statement

Message: "Exception thrown in WebUserView.getAllUsers(): 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 'SELEC web_user_id, user_email, user_password, image,

membership_fee, birthday, w' at line 1"

Got this by removing the T in the select statement

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

Message: Exception thrown in WebUserView.getAllUsers(): Unknown column

'birthdayBadColumn' in 'field list'

Got this by naming birthday 'birthdayBadColumn'

6.) Error Extracting Data from Result Set (wrong datatype)

Message: "bad Integer in FormatUtils:myPassword. Error:java.lang.String cannot be cast to java.lang.Integer" -> message was next to the password field, not the error field.

Got this by using the FormatUtils.formatInteger on password which is a string