1. Missing Database Driver error created by removing mysql-connector-java-5.1.14-bin.jar.

Result from jsp page:

{

"dbError": "Problem getting driver:com.mysql.jdbc.Driver",

"patientVisitList": []

}

Result in GlassFish log:

Info: Error in DbConn. Problem getting driver:com.mysql.jdbc.Driver

1. Database Unreachable error created by logging out of PuTTY from outside temple.edu.

Result from jsp page:

{

"dbError": "Problem getting connection:Communications link failure\n\nThe last packet sent successfully to the server was 0 milliseconds ago. The driver has not received any packets from the server.",

"patientVisitList": []

}

Result in GlassFish log:

Info: Error in DbConn. Problem getting connection:Communications link failure

1. Database Not Authorized error created by putting an invalid password in the DbConn class.

Result from jsp page:

{

"dbError": "Problem getting connection:Access denied for user 'tun49199'@'cis-linux2-priv.temple.edu' (using password: YES)",

"patientVisitList": []

}

Result in GlassFish log:

Info: Error in DbConn. Problem getting connection:Access denied for user 'tun49199'@'cis-linux2-priv.temple.edu' (using password: YES)

1. Syntax error in SQL Statement in PatientVisitView.allPatientVisitsAPI().

Result from jsp page:

{

"dbError": "",

"patientVisitList":

[{

"visitId": "",

"patientName": "",

"imageUrl": "",

"medRecNo": "",

"description": "",

"visitDateTime": "",

"diagnosis": "",

"visitCharge": "",

"webUserId": "",

"userEmail": "",

"membershipFee": "",

"errorMsg": "Exception thrown in WebUserView.allUsersAPI(): Unknown column 'pv.Diagnosiss' in 'field list'"

}]

}

Result in GlassFish log: (I added a System.out.println in

Info: Exception thrown in PatientVisitView.PatientVisitsAPI(): 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 'pv.VisitId, pv.PatientName, pv.ImageUrl, pv.MedRecNo, pv.Description, pv.VisitDa' at line 1

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

Result from jsp page:

…

"errorMsg": "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 'pv.VisitId, pv.PatientName, pv.ImageUrl, pv.MedRecNo, pv.Description, pv.VisitDa' at line 1"

Result in GlassFish log: (I added a System.out.println in PatientVisitView.allPatientVisitsAPI() exception block.

Info: Exception thrown in PatientVisitView.aaPatientVisitsAPI(): Unknown column 'pv.Diagnosiss' in 'field list'

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

Result from jsp page:

{

"dbError": "",

"patientVisitList": [

{

"visitId": "6",

"patientName": "bad Integer in FormatUtils:Pearson, Ella Error:java.lang.String cannot be cast to java.lang.Integer",

"imageUrl": "http://cis-linux2.temple.edu/~sallyk/pics\_user/rose.jpg",

"medRecNo": "TUN559116",

"description": "Vaccination",

"visitDateTime": "11/06/2019",

"diagnosis": "Influenza virus vaccine",

"visitCharge": "$45.00",

"webUserId": "2",

"userEmail": "services.s@gmail.com",

"membershipFee": "$4.95",

"errorMsg": ""

},

Result in GlassFish log: