

1. Missing Database Driver

This error occurred when the sql driver was taken out, therefore couldn't connect to database

2. Database Unreachable

Can't reach database because did not tunnel in through putty

Must RUN not View, uses AJAX (browser requests from Apache Web Server)

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.

3. Database Not Authorized

Using wrong password, database was not authorized

```
{
  dbError: "Problem getting connection: Access denied for user 'tuj87538'@'cis-linux2.temple.edu' (using password: YES)",
  webUserList: []
}
```

4. Syntax error in SQL statement

Did not use "FROM"

```
{
  dbError: "",
  webUserList: [
    {
      webUserId: "",
      userEmail: "",
      userPassword: "",
      image: "",
      birthday: "",
      membershipFee: "",
      userRoleId: "",
      userRoleType: "",
      carPic: "",
      errorMsg: "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 'where web_user.user_id = user_role.user_role_id ORDER BY web_user_id at line 1'"
    }
  ]
}
```

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

Used wrong column name

```
{
  dbError: "",
  webUserList: [
    {
      webUserId: "",
      userEmail: "",
      userPassword: "",
      image: "",
      birthday: "",
      membershipFee: "",
      userRoleId: "",
      userRoleType: "",
      carPic: "",
      errorMsg: "Exception thrown in WebUserView.getAllUsers(): Column 'web_user_id_wrong' not found."
    }
  ]
}
```

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

Formatted as a string rather than an integer

```
{
  dbError: "",
  webUserList: [
    {
      webUserId: "bad String in FormatUtils:1. Error:java.lang.Integer cannot be cast to java.lang.String",
      userEmail: "123abc@yahoo.com",
      userPassword: "yahoopw",
      image: "image001.png",
      birthday: "12/12/2000",
      membershipFee: "$12.22",
      userRoleId: "1",
      userRoleType: "Admin",
      carPic: "",
      errorMsg: ""
    },
  ],
}
```