1. Missing Database Driver- I removed the sql driver to generate this error

```
1    // 20190919144757
2    // http://localhost:8080/Web_API_Sample/webAPIs/1_listUsersAPI_most_code_in_JSP.jsp
3
4  ▼ {
5        "dbError": "Problem getting driver:com.mysql.jdbc.Driver",
6  ▼     "webUserList": [
7
8        ]
9    }
```

2. Database Unreachable: I was not tunneled into the server and got this error

```
/ 20190919145902
/ http://localhost:8080/Web_API_Sample/webAPIs/1_listUsersAPI_most_code_in_JSP.jsp


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

 ]
```

3. Database Not Authorized – if you have the wrong password or you try to access someone elses database. I did this by just typing the wrong password in

```
// 20190919144931
// http://localhost:8080/Web_API_Sample/webAPIs/1_listUsersAPI_most_code_in_JSP.jsp

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

   ]
```

4. Syntax error in SQL Statement – I typed SELCT instead of SELECT to get this syntax error

```
// 20190919145120
// http://localhost:8080/Web_API_Sample/webAPIs/1_listUsersAPI_most_code_in_JSP.jsp

{
  "dbError": "",
  "webUserList": [
    {
      "webUserId": "",
      "userEmail": "",
      "userPassword": "",
      "birthday": "",
      "membershipFee": "",
      "userRoleId": "",
      "userRoleType": "",
      "errorMsg": "Exception thrown, messages is: 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
'selct web_user_id, user_email, user_password, membership_fee, birthday, web_user' at line 1"
    }
  ]
```

5. Error Extracting Data from Result Set (bad column name) –I misspelled a column name in the constructor

```
// 20190919145808
// http://localhost:8080/Web_API_Sample/webAPIs/1_listUsersAPI_most_code_in_JSP.jsp

{
  "dbError": "",
  "webUserList": [
    {
      "webUserId": "1",
      "userEmail": "andrew@temple.edu",
      "userPassword": "pw",
      "birthday": "",
      "membershipFee": "",
      "userRoleId": "",
      "userRoleType": "",
      "errorMsg": "Exception thrown in model.webUser.StringData (the constructor that takes
a ResultSet): Column 'birthdy' not found."
    },
    {
      "webUserId": "2",
      "userEmail": "Gene@temple.edu",
      "userPassword": "p",
      "birthday": "",
      "membershipFee": "",
      "userRoleId": "",
      "userRoleType": "",
      "errorMsg": "Exception thrown in model.webUser.StringData (the constructor that takes
a ResultSet): Column 'birthdy' not found."
```

6. Error Extracting Data from Result Set (wrong data type) – I changed the webuserId type to formatString rather than formatInteger which caused this error

```
// 20190919145411

// http://localhost:8080/Web_API_Sample/webAPIs/1_listUsersAPI_most_code_in_JSP.jsp


{
  "dbError": "",
  "webUserList": [
    {
      "webUserId": "",
      "userEmail": "",
      "userPassword": "",
      "birthday": "",
      "membershipFee": "",
      "userRoleId": "",
      "userRoleType": "",
      "errorMsg": "Exception thrown in model.webUser.StringData (the constructor that takes
a ResultSet): java.lang.Integer cannot be cast to java.lang.String"
    },
    {
      "webUserId": "",
      "userEmail": "",
      "userPassword": "",
      "birthday": "",
      "membershipFee": "",
      "userRoleId": "",
      "userRoleType": "",
      "errorMsg": "Exception thrown in model.webUser.StringData (the constructor that takes
a ResultSet): java.lang.Integer cannot be cast to java.lang.String"
    },
```