

ConnectionFactory.java

```
1 package model.dao;
2
3 import java.sql.Connection;
4
5
6
7
8 public class ConnectionFactory {
9     public static final String DB_HOST = "localhost";
10    public static final String DB_PORT = "1527";
11    public static final String DB_NAME = "EECS";
12    public static final String DB_USER = "student";
13    public static final String DB_PASS = "secret";
14
15    public static String DB_SCHEMA = "roumani";
16
17    public static final String DB_URL = String.format(
18        "jdbc:derby://%s:%s/%s;user=%s;password=%s",
19        DB_HOST, DB_PORT, DB_NAME, DB_USER, DB_PASS);
20
21    public static final String DB_DRIVER =
22        "org.apache.derby.jdbc.ClientDriver";
23
24    public static Connection getConn() throws Exception {
25        Class.forName(DB_DRIVER).newInstance();
26        Connection con = DriverManager.getConnection(DB_URL);
27        if (DB_SCHEMA != null && DB_SCHEMA != "")
28            con.createStatement().executeUpdate("set schema " +
29                DB_SCHEMA);
30        return con;
31    }
32
33    public static void closeConn(ResultSet r, Statement s,
34        Connection c) throws Exception {
35        r.close();
36        s.close();
37        c.close();
38    }
39 }
```