

Summary For Backend

List of Tasks that were done

- 1.) Researched information for java JDBC driver to connect the MySQL database
<https://www.tutorialspoint.com/jdbc/jdbc-sample-code.htm>
<https://www.mysqltutorial.org/connecting-to-mysql-using-jdbc-driver/>
https://www.jdatalab.com/information_system/2017/02/16/database-driver.html
<https://www.youtube.com/watch?v=2i4t-SL1VsU>
- 2.) Setting Up container in Docker to manipulate the MySQL database'
Here is the instruction to set up the database and container in Docker
<https://discord.com/channels/940643203227467836/940643336186908783/967271823874076692>
- 3.) Use committed code containing the script to create the driver and connect to DataBase
Scripted code is in The file is in the java folder in Backend
[Bank-System-2022/DBConnection.java at master ·](#)
[COSC-A451-2022-Spring-SW-Engineering/Bank-System-2022 \(github.com\)](#)
- 4.) Java driver code has an error connecting to the database based on a URL issue of some Sort

MINGW64: c:/Users/sbond/OneDrive/Documents/GitHub/Bank-System-2022/BackEnd/java

symbol: class SQLException
location: class DBConnection
errors

sbond@LAPTOP-G4MES59M MINGW64 ~/OneDrive/Documents/GitHub/Bank-System-2022/BackEnd/java (master)
\$ javac DBConnection.java

sbond@LAPTOP-G4MES59M MINGW64 ~/OneDrive/Documents/GitHub/Bank-System-2022/BackEnd/java (master)
\$ java DBConnection
Connection to database failed
java.sql.SQLException: No suitable driver found for jdbc:mysql://localhost:3307/Bank-Server

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sbond@LAPTOP-G4MES59M MINGW64 ~/OneDrive/Documents/GitHub/Bank-System-2022/BackEnd/java (master|MERGING)
\$ java DBConnection
java.sql.SQLException: No suitable driver found for jdbc:mysql://localhost:3307/Bank-Server
at java.sql/java.sql.DriverManager.getConnection(DriverManager.java:702)
at java.sql/java.sql.DriverManager.getConnection(DriverManager.java:228)
at DBConnection.connect(DBConnection.java:23)
at DBConnection.main(DBConnection.java:11)
Connection to database failed
java.sql.SQLException: No suitable driver found for jdbc:mysql://localhost:3307/Bank-Server

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at java.sql/java.sql.DriverManager.getConnection(DriverManager.java:228)
at DBConnection.connect(DBConnection.java:24)
at DBConnection.main(DBConnection.java:11)
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sbond@LAPTOP-G4MES59M MINGW64 ~/OneDrive/Documents/GitHub/Bank-System-2022/BackEnd/java (master|MERGING)
\$

Type here to search

5.) Collaborated with DevOps to help set the MySQL container and helped with the database issue.