Enterprise Architecture – 4232

Lab sheet 03

Task 03

**3. Establish JDBC Connection**

* Create a **DatabaseConnection.java** class to establish a connection to your database.

package jdbc.example;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

public class DatabaseConnection {

private static final String URL ="jdbc:mysql://localhost:3306/employee\_db";

private static final String USER = "root";

private static final String PASSWORD = "";

public static Connection getConnection() throws SQLException {

try {

// Load the JDBC driver

Class.forName("com.mysql.cj.jdbc.Driver");

// Return the database connection

return DriverManager.getConnection(URL, USER, PASSWORD);

}

catch (ClassNotFoundException | SQLException e) {

System.out.println("Connection failed" + e.getMessage());

throw new SQLException("Failed to establish connection.");

}}

}