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/*
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 */
package presenter;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.ArrayList;
import java.util.List;
import model.ActiveUser;
import utility.DBConnection;

/**
 *
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 */
public class ActiveUserPersister {

    private Connection connection;
    private PreparedStatement addNewActiveUser;
    private PreparedStatement getActiveUser;
    private PreparedStatement dropActiveUser;
    private DBConnection utility;

    public ActiveUserPersister() {
        utility = new DBConnection();
        try {
            this.connection = DBConnection.getConnection(); // database
connection
            if (connection != null) {
                addNewActiveUser = connection.prepareStatement("INSERT
INTO activeuser (username) "
                    + "VALUES(?)");
                getActiveUser = connection.prepareStatement("SELECT *
FROM activeuser ORDER BY activeUser_id DESC LIMIT 1 ");
                dropActiveUser = connection.prepareStatement("DELETE FROM
activeuser WHERE username = ? ");
            }
        } catch (SQLException e) {
            System.out.println("Connection Failed!");
            System.out.println("SQLException : " + e.getMessage());
        }
    }

    boolean addActiveUser(ActiveUser activeUser) {

        try {
            addNewActiveUser.setString(1, activeUser.getUsername());
            addNewActiveUser.executeUpdate();
            return true;
        } catch (SQLException e) {

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        System.out.println("SQL Exception: " + e.getMessage());
        return false;
    }
}

List getMyUsername() {
    List<ActiveUser> activeUserList = new ArrayList<>();
    try{
        ResultSet myUsernameResult = getActiveUser.executeQuery();
        while (myUsernameResult.next()) {
            int borrowId =
myUsernameResult.getInt("activeUser_id");
            String myUsername =
myUsernameResult.getString("username");

            ActiveUser newActiveUser = new
ActiveUser(myUsername);
            newActiveUser.setActiveUser_id(borrowId);
            activeUserList.add(newActiveUser);
        }
    }catch(SQLException e) {
        System.out.println("SQL Exception: " + e.getMessage());
    }
    return activeUserList;
}

void deleteActiveUser(String activeUsername) {
    try {

        dropActiveUser.setString(1, activeUsername);
        int activeUserResult = dropActiveUser.executeUpdate();

    } catch (SQLException e) {
        System.out.println("The activeUser cannot be deleted : " +
e.getMessage());
    }
}
}

```