Title: **Sign in operation**

Precondition:
- ➤ POS system is running.
- ➤ The database server is running.
- ➤ The user is not logged in.

Primary Actor: **User**

Flow of Events for Main Success Scenario:
← 1. POS the system opens a window for entering: username and password.
→ 2. The user enters username and password.
← 3. The program sends entered data to server.
→ 4. Server checks if entered username exists in database.
→ 5. Server checks if entered password matches with entered username password.
← 6. Verify of the user.
← 7. To close the „sign in" window or to try once again in case of error.
→ 8. In case of cancel data don't remain, a window to „sign in" is closed.

Flow of Events for Extensions:
→ 2a Actor enters invalid data(username, password).
← 3a Power outage, network failure or requested data unavailable.
← 3b Server is not responding.
→ 4a There is no such username in database.
→ 4b The database is not responding.
→ 5a The password do not match with username password (invalid password is entered).