

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).