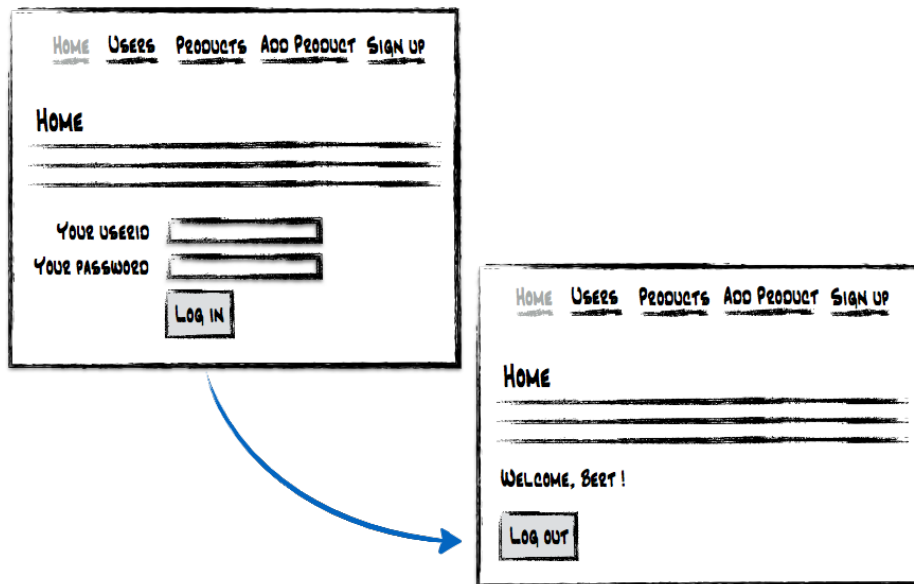


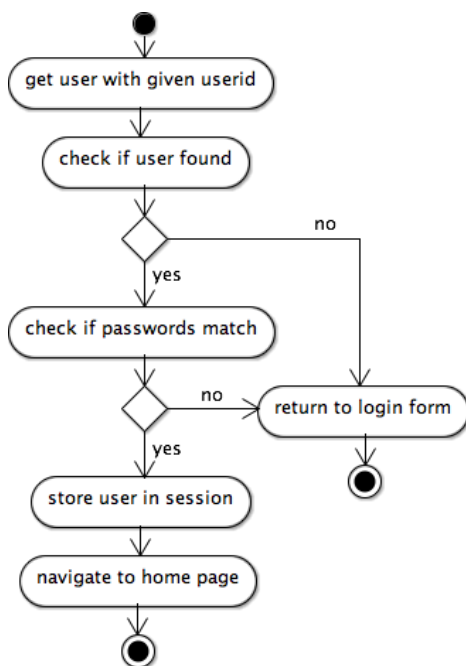
## STORY W13. LOG IN

As a user  
I want to log in  
so that I am known to the application.

### WIREFRAMES:



### WORKFLOW:



## TECHNICAL DETAILS

1. Check if you still can run the test `RegisterTest` succesfully.
2. In lab 4 (story W11) you have added following method to `Person`:
  - A method *`isPasswordCorrect (password:String)`* which returns true if the given password matches with the hashed password saved to that person.

Add following method to `ShopService`:

- A method *`getUserIfAuthenticated(userid:String, password:String)`* which returns the person if he was found on the database (given a userid) and if the passwords match. Else, the method should return null.
- You can run `ShopServiceTest.java` to verify if your code works as it should.

Add to Servlet:

- A method *`login()`* that reads the userid and password and calls the *`getUserIfAuthenticated ()`* method on the service. Add the user to the session if login was successful.

3. You can use the jstl tag `<c:choose>` to decide if you want to show a button or not...

Remark: When a sequence of the database generates the userid, you need to choose another parameter to identify the user, e.g. the e-mail address.

## ACCEPTANCE CRITERIA:

- When a user is not logged in, and wants to navigate to the web site, a login form is shown on the home page.
- On the login form, users can enter their userid (e-mail) and password.
- If a person logs in correctly, the user is redirected to the home page that now shows the text *"Welcome <FirstName>!"* and a button *"Log Out"* (no login form).
- If login failed, an error message is shown on the login form *"No valid userid/password"*.
- The userid is not case sensitive.