Pseudocode

Login method

Step 1. Get input needed for login (email, password)

Step 2. Check if user with given emails exists

Step 3. Check if user exists and if password is correct
        -> if all is ok
                -> save user in the session to enable authentication
                -> redirect to page showing tasks
        -> if not ok
                -> redirect user back to welcoming page for another login attempt

Register method

Step 1. Get needed input for registering a new user in the database (username, email, password)

Step 2. Check that the email isn't already in use (email is unique in db)
        -> if emails is free
                -> create a new user
                -> redirect to login page
        -> if email is already taken
                -> show error message

Logout method

Step 1. Get input to begin a logout

Step 2. Clean the session of the user

Step 3. Redirect to welcoming page