Owen Lindsey

Professor Hughes, Bill

CST-350 Activity 2

10/06/2024

Part 1 – Login and Registration

Page 12: Login view creation screenshot

Part 1 – Login and Registration

Page 16: Registration view creation screenshot

Part 1 – Login and Registration

Page 27: Login Success screenshot

Login Successful

Welcome, Owen!

Id	1
Username	Owen
PasswordHash	lindsey

Back to Login
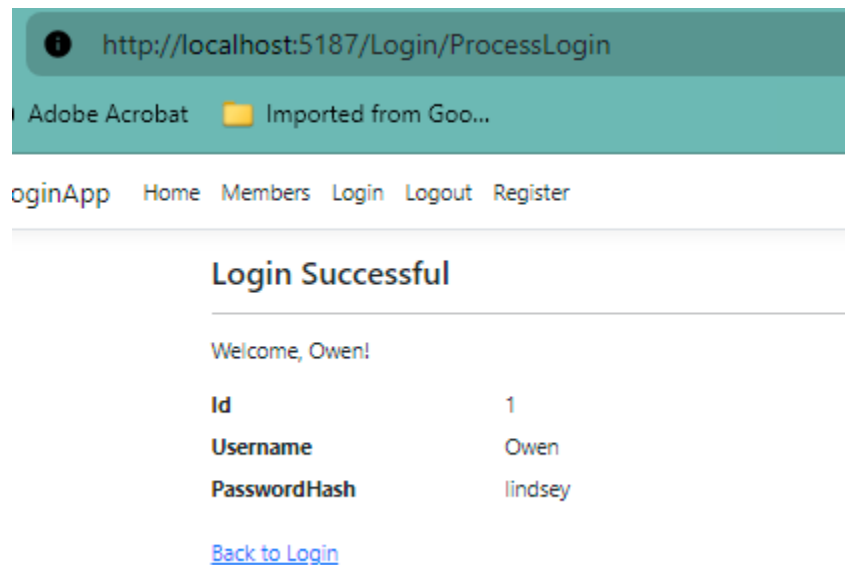
Part 1 – Login and Registration

Page 28: Login Failure screenshot

Login Failure

Invalid username or password

Back to Login
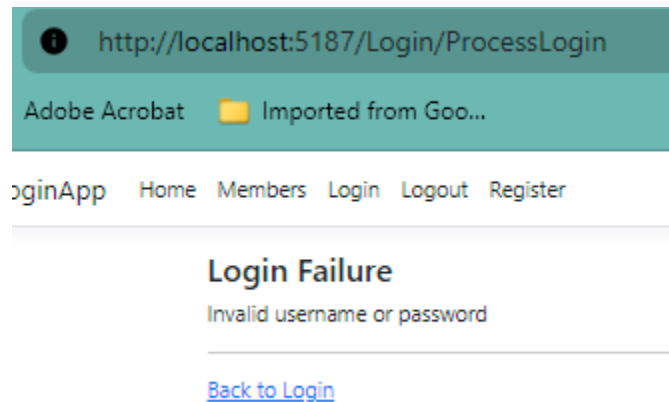
Part 2 – Session Variables

Page 38: Private Club for members only screenshot

http://localhost:5187/Login/MembersOnly

Adobe Acrobat   Imported from Goo...

oginApp   Home   Members   Login   Logout   Register

Private Club

Welcome to the SD club

You are logged in as "{\"Id\":1,\"Username\":\"Owen\",\"PasswordHash\":\"lindsey\"}"

{"Id":1,"Username":"Owen","PasswordHash":"lindsey"}
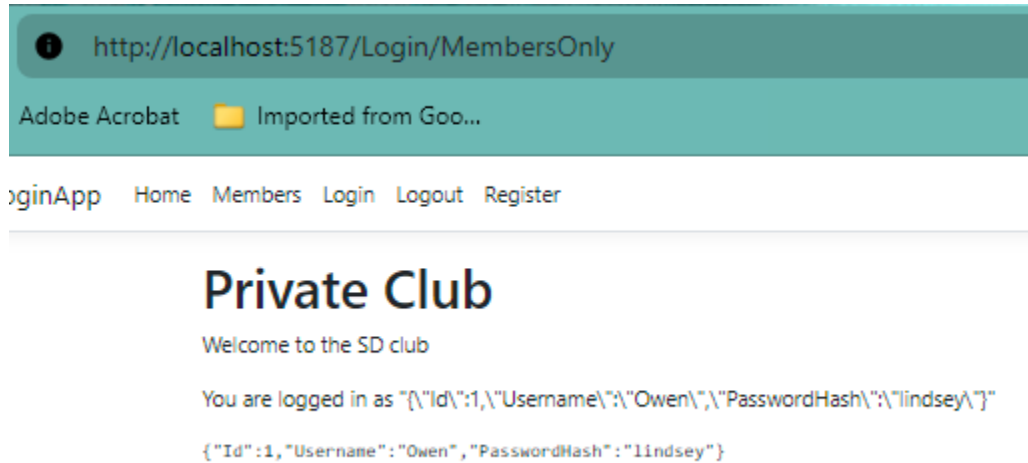
Part 2 – Session Variables

Page 45: Registering a new user screenshot (1/3)

http://localhost:5187/Login/Register

Adobe Acrobat   Imported from Goo...

oginApp   Home   Members   Login   Logout   Register

Register

Username

Admin

Password

•••••

Groups

☑ Admin ☑ Users ☑ Students

Register

Back to Login
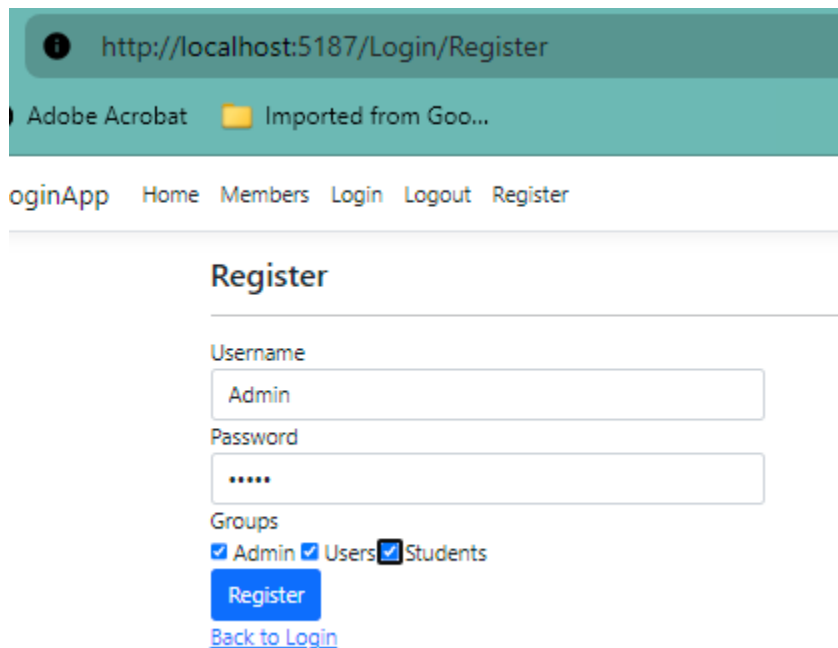
Part 2 – Session Variables

Page 45: Registering a new user. Showing login successful of new user screenshot (2/3)


```
http://localhost:5187/Login/ProcessLogin
```

Adobe Acrobat   Imported from Goo...
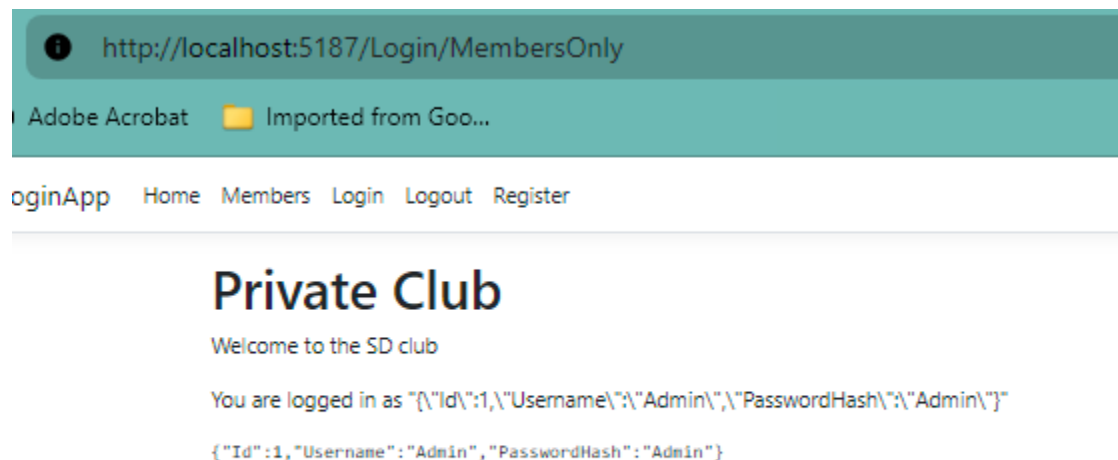
oginApp   Home   Members   Login   Logout   Register

Login Successful

Welcome, Admin!

Id	1
Username	Admin
PasswordHash	Admin

Back to Login
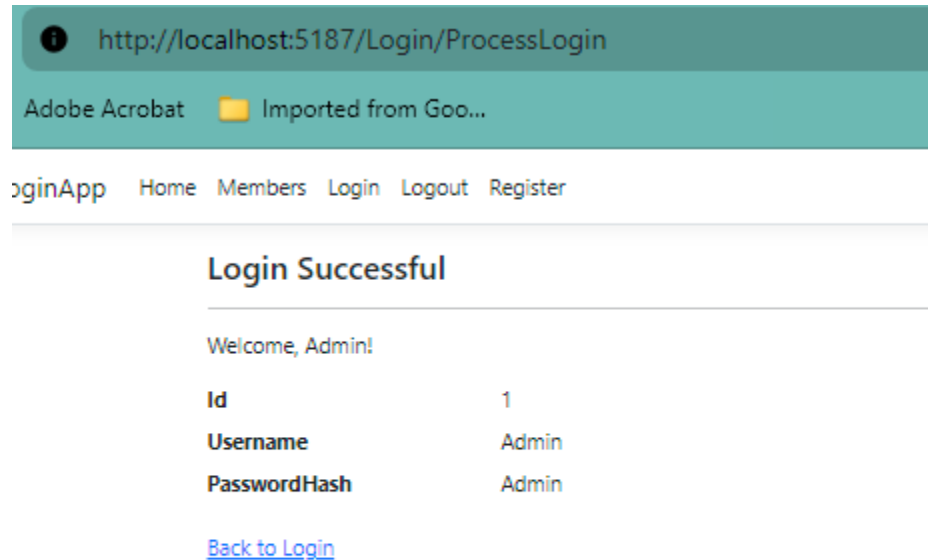
Part 2 – Session Variables

Page 45: Registering a new user. Showing members only page details (3/3)


```
http://localhost:5187/Login/MembersOnly
```

Adobe Acrobat   Imported from Goo...

oginApp   Home   Members   Login   Logout   Register

Private Club

Welcome to the SD club

You are logged in as "{\"Id\":1,\"Username\":\"Admin\",\"PasswordHash\":\"Admin\"}"

{"Id":1,"Username":"Admin","PasswordHash":"Admin"}

Part 3 – Summary of Key Concepts

Key concepts from Login and Registration Activity 2

In this activity, I learned key concepts related to ASP.NET Core MVC architecture, focusing on building a login and registration system with user authentication and session management. I learned how to create Models for data representation, Razor Views with ASP tag helpers for dynamic web forms, and Controllers to process login requests and manage user data. The implementation of session variables taught me how to maintain user state across HTTP requests in a stateless environment, while custom action filters allowed me to add authentication checks to specific controller actions.