

1. Halaman Login

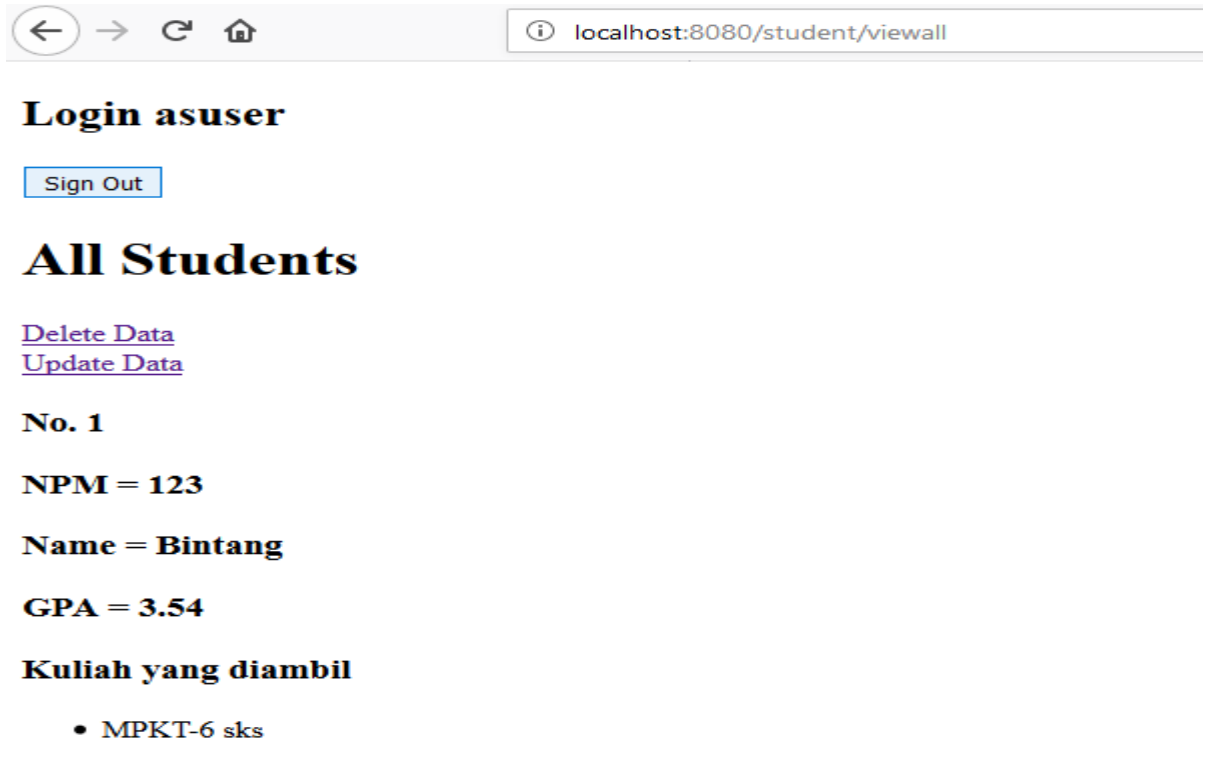


← → ↻ 🏠 localhost:8080/login

User Name :

Password:

2. Halaman viewall student



← → ↻ 🏠 localhost:8080/student/viewall

Login asuser

All Students

[Delete Data](#)
[Update Data](#)

No. 1

NPM = 123

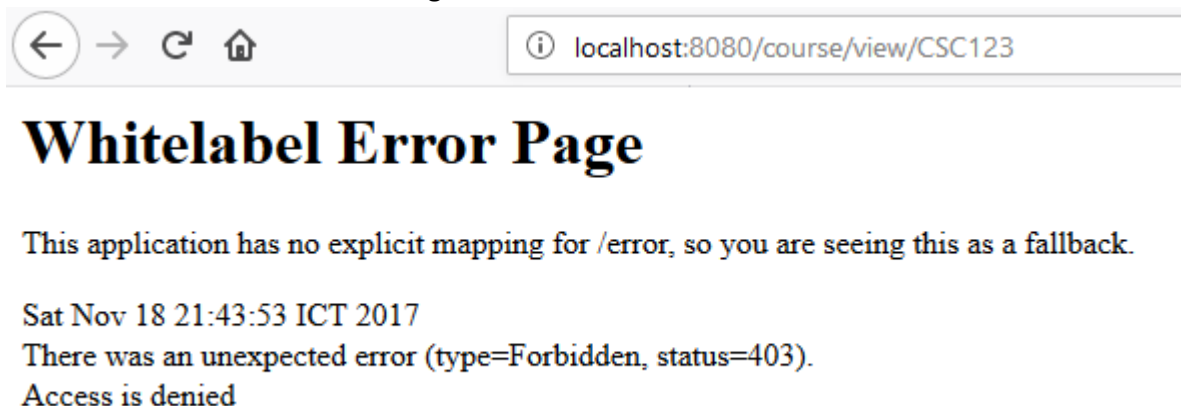
Name = Bintang

GPA = 3.54

Kuliah yang diambil

- MPKT-6 sks

3. Penolakan karena tidak sesuai dengan role



← → ↻ 🏠 localhost:8080/course/view/CSC123

Whitelabel Error Page

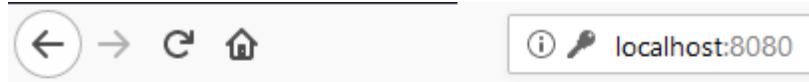
This application has no explicit mapping for /error, so you are seeing this as a fallback.

Sat Nov 18 21:43:53 ICT 2017

There was an unexpected error (type=Forbidden, status=403).

Access is denied

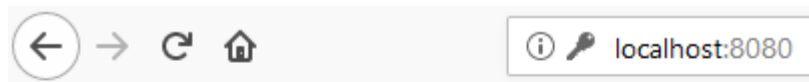
4. Tampilan login sesuai role



Welcome

[Login](#)

[View All Student](#)



Welcome

[Login](#)

[View All Course](#)

5. Tampilan user baru yaitu glenn



Login as glenn

[Sign Out](#)

All Course

No. 1

ID Course = CSC123

Name = PSP

SKS = 4

Mahasiswa yang mengambil

- Glenn-124

No. 2

ID Course = CSC124

Name = SDA

SKS = 3

Mahasiswa yang mengambil

Latihan

1. Halaman viewall course (menambahkan login dan tombol logout)

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localhost:8080/course/viewall

Login as user

Sign Out

All Course

No. 1

ID Course = CSC123

Name = PSP

SKS = 4

Mahasiswa yang mengambil

- Glenn-124

No. 2

ID Course = CSC124

Name = SDA

SKS = 3

2. Menambahkan username admin dengan password admin dan role admin

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localhost:8080/student/viewall

Login as admin

Sign Out

All Students

[Delete Data](#)

[Update Data](#)

No. 1

NPM = 123

Name = Bintang

GPA = 3.54

Kuliah yang diambil

- MPKT-6 sks

[Delete Data](#)

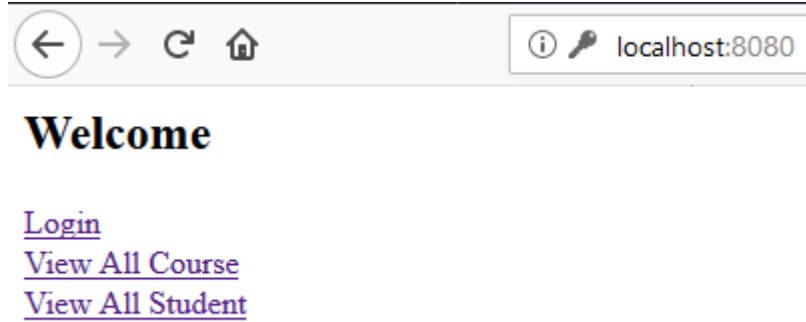
[Update Data](#)

No. 2

NPM = 124

Name = Glenn

3. Role admin dapat melihat viewall student dan viewall course



Pelajaran yang didapat:

1. Mengetahui cara pembuatan autentikasi.
2. Mengetahui cara konfigurasi otorisasi berdasarkan role.
3. Mengetahui cara mengambil data dari database untuk autentikasi