

Pemrograman Web Lanjut

#05



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Authentication & Authorization

Identity

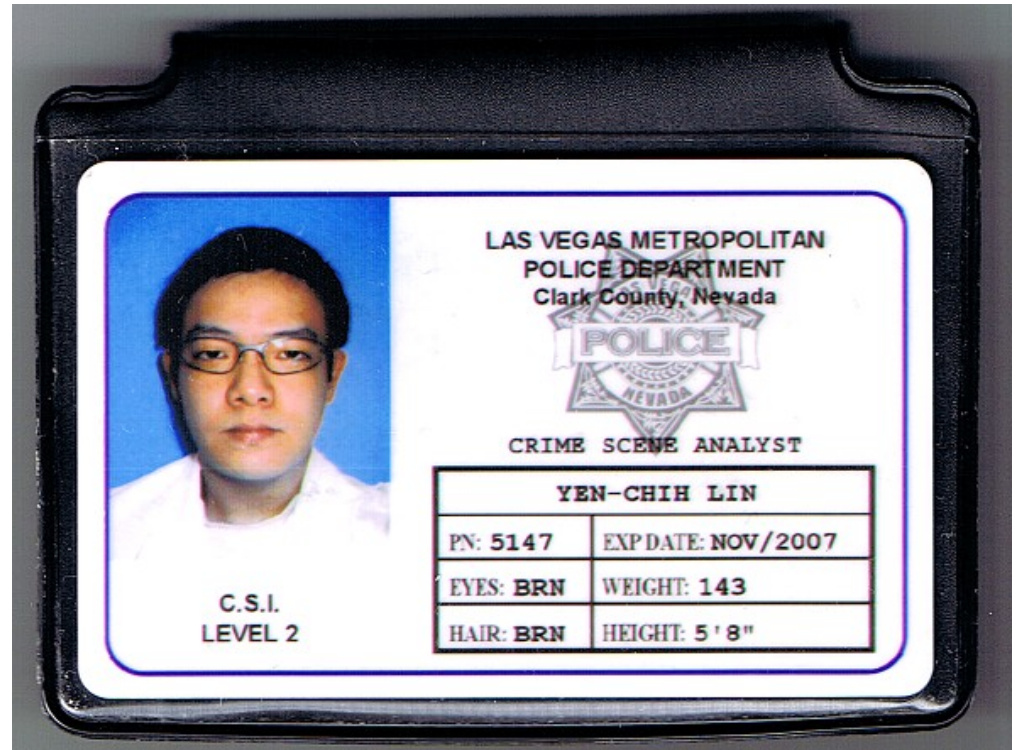
Password

Log In



Authentication vs Authorization

- Authentication:
 - Who you are
- Authorization:
 - What you may do



User & User Group

- **Archer**

- Robin Hood
- Hawkeye
- Uryuu Ishida

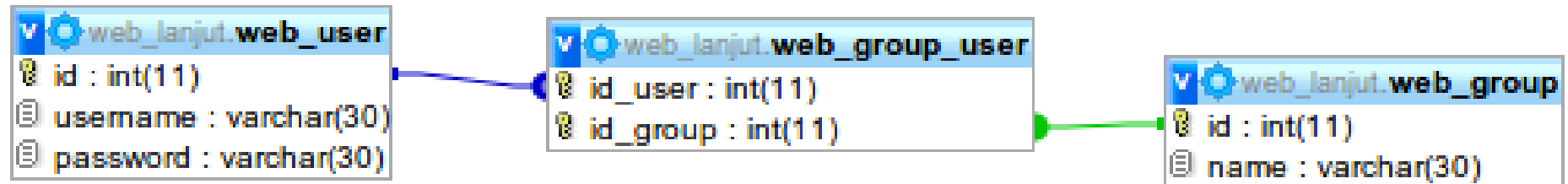
- **Student**

- Uryuu Ishida
- Peter Parker
- Jimmy Neutron

“Uryuu Ishida is an archer, but he is also a student”



User & User Group (The Data Structure)



User & User Group

```
LXTerminal
File Edit Tabs Help
Database changed
mysql> SELECT * FROM web_group;
+-----+
| id | name |
+-----+
| 1 | Archer |
| 2 | Student |
+-----+
2 rows in set (0.00 sec)

mysql> SELECT * FROM web_user;
+-----+-----+-----+
| id | username | password |
+-----+-----+-----+
| 1 | Robin Hood | password |
| 2 | Hawkeye | password |
| 3 | Uryuu_Ishida | password |
| 4 | Peter_Parker | password |
| 5 | Jimmy_Neutron | password |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> SELECT * FROM web_group_user;
+-----+-----+
| id_user | id_group |
+-----+-----+
| 1 | 1 |
| 2 | 1 |
| 3 | 1 |
| 3 | 2 |
| 4 | 2 |
| 5 | 2 |
+-----+-----+
6 rows in set (0.00 sec)

mysql> 
```

The CodeIgniter Way

- Session:

http://codeigniter.com/user_guide/libraries/sessions.html



Quite simple logic

- Save user id in session
- Fetch what groups are current user in (from database)
- In every page which need authorization, check the current user's groups
 - ```
If('admin' in $this->session('groups'))
{
 // allow to do something
}else
{
 // handle unauthorized access
 show_404();
}
```





It's your turn



# Thank you

