Hi everyone, this is Zexuan. I just finished up basic setting of database stuff, and now it’s the time for some explanation on database & all php uploaded by me.

Database Info:

Basically, you just need to include (“connect.inc.php“) then you can access everything, but providing a brief explanation on everything is never a bad idea.

Host: 77.104.151.163 (my host! which means this won’t interfere with your own database!)

Database Name: zexuanl0\_finalpjkt

Using User: zexuanl0\_group

Password: IS371Final

Database Structure

There are two tables available.

FACULTY (all capitalized) includes:

fac\_id (primary, varchar(255))

password (varchar(255), NOT NULL)

office (varchar(255))

phone (varchar(255))

email (varchar(255))

ITEMS includes:

item\_code (primary, int(16), AUTO\_INCREMENT)

(means we don’t need to assign a specific item code when creating an item… well you can if you like, but preferably not because it may interfere with auto-increment settings.)

fac\_id (varchar(255), NOT NULL)

(The foreign key that links two tables together)

category(varchar(255), NOT NULL)

(includes PUBLICATIONS, CONFERENCE PRESENTATIONS, RESEARCH IN PROGRESS, and COURSES TAUGHT. Since they are basically characters and can’t be fixed, be sure to type correctly when adding new items.)

display\_order(int(4), NOT NULL)

(use this number to order how items in the same category are shown.)

active (int(2), DEFAULT 1)

(1=active and 0=inactive only show items active. If a category has no active items, do NOT show the category title.)

description(varchar(255), NOT NULL)

(the real information presenting under category title.)

PHP description

connect.inc.php & auth.inc.php: just use like pex8.

HOWEVER, remember that auth.inc.php can only validate if it is a valid user in FACULTY table, and you need to re-examine if the user is exactly owner of the page with cookies stored in session (see below.)

login.php

I stored three cookies in $\_SESSION, which are loginID and miscellaneous (a constant key for auth.inc.php). I can’t authorize if the user is editing his/her own page (unless I design a login page for EVERYONE presenting, which is obviously unrealistic.) So, in items modification page, I’d recommend you to check if loginID stored in session match the person editing, if not, deny the request.

Current login.php will redirect to test.php after successfully logged in, and test.php is also protected by auth.inc.php for debugging. Feel free to modify them, I always save backup files.

That’s it! Feel free to contact me anything about dababase! I’ve already input some testing content in database, so theoretically you can start testing now. Also, you can use “testAdmin, password” to debug login.php. Have a good night everyone!