<u>Only use PwdIP-Hash during login; do not use it for the initial registration or password change</u>

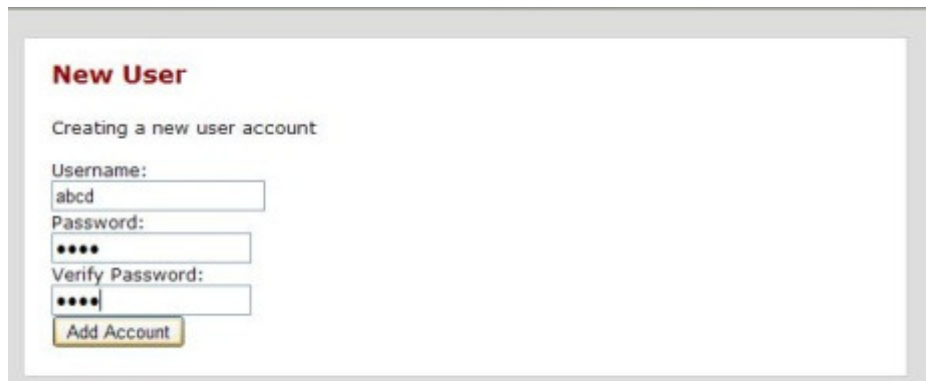**PwdIP- Hash – Trial User Manual**

<u>Step 1</u>: *Create user account*

a. **Open IE** and create a new account for your own. We have set the default page to our web server, the only thing you need to do is to create your account.
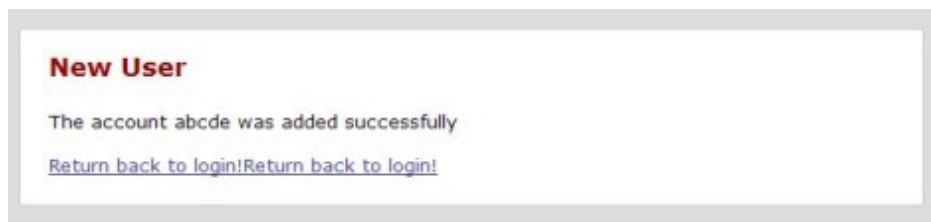
Hello World!

Welcome and input your account and password

Account:

Password:

login   clear

If you do not have an account, please register first: register

b. **Press the "register" button in the page,** you will see:

New User

Creating a new user account

Username:
abcd

Password:
••••

Verify Password:
••••

Add Account

c. **Press the "Add Account" button** now. If successful, you will see:

New User

The account abcde was added successfully

Return back to login!Return back to login!

If failed, (e.g. the account name you input has already existed), you will see:

New User

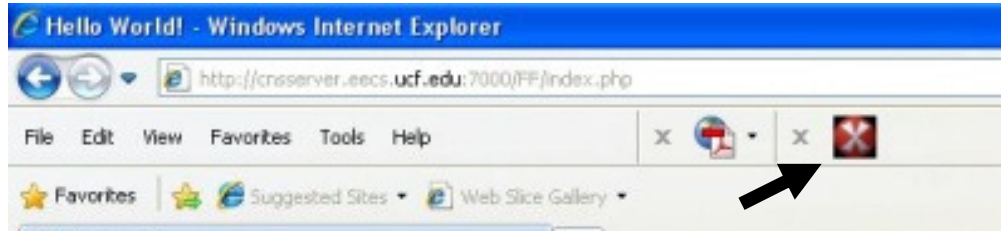You account could not be added. Duplicate entry 'abcde' for key 1

Return back to login!

In either case, you can **click the link and go back to the login page**

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Step 2: *Login in the account using PwdIP-Hash plug-in*

a. Use the account you just created to login, this step we'd like you to experience the plugin program (*see the red X icon in the toolbar*):
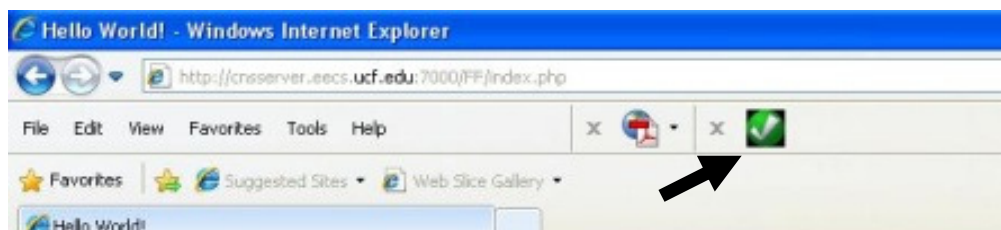

b. *Type your account name*

c. We use PwdIP-Hash to protect the password entry.

Click the input area of the password so that it will get the focus. Then *press F2*, you will see that the *icon in the toolbar will change to green check mark*:

d. The green check mark means that the *plugin is ready* to accept your input password and will encrypted it. Now you can *input your password and click the "login" button*. If successful, you will see:

<u>Only use PwdIP-Hash during login; do not use it for the initial registration or password change</u>
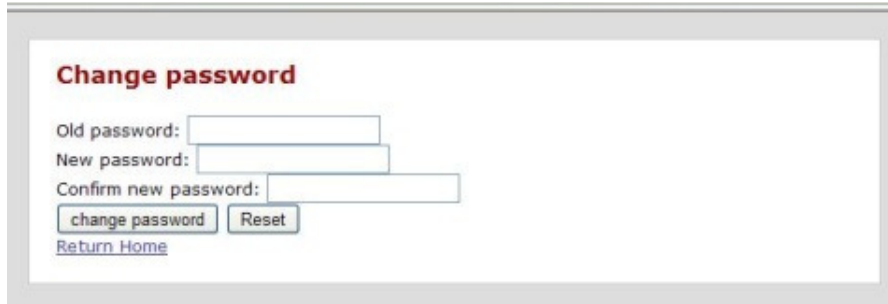
Otherwise, you will see an error page, and you can go back to login page again.

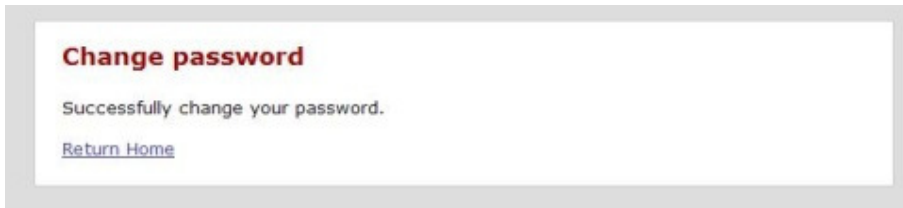**<u>Step 3</u>**: *Change Password*

We only use PwdIP-Hash during login and not in the initial registration or password change stages.

If you log in successfully in **step 2**, you can change your password now.

a. ***Press the "changepwd" button*** in the login successful page (as shown above), you will see:

b. Now ***change your password*** to anything you want, and then ***press the "change password" button***. If successful, you will see:

c. Logout

Step 4: *Login in the account using PwdIP-Hash* standalone *application - "*PwdIPHash.exe*"*

In this step we want you to experience the standalone program.

a. Navigate back to login page. You can find an executable file named "PwdIPHash.exe" in the desktop. Double click to run it, you will see:

b. You can input the URL (domain name) in the text field or select an existing one from the list (the program can detect the existing valid URLs of IE).

In our experiment, since we only test it in our web server, you just need to select it from the dropdown list (make sure that the login page is in the IE, otherwise it cannot be shown in the list), just like this:

c. After selection, input the password in the password field:

<u>Only use PwdIP-Hash during login; do not use it for the initial registration or password change</u>

d. Then the long button named "***Create Password and Copy to ClipBoard***" is enabled. Press it and if successful, you will get:

e. Click "OK" button of the message box, then the generated encrypted password has been stored in the clip board. You can paste it into the password field in the login page:

d. Then press the "login" button (of course you should input the account name):

Only use PwdIP-Hash during login; do not use it for the initial registration or password change

If successful, you can see the login successful page again.