

# Logic Workflow

In this example walkthrough you will see how to set up a SHRINE i2b2 user with the correct roles, and set up for Active Directory Sync by calling the web services of the PM Cell.

Step	Logic	PHP	XML	Example PHP Call
1	Check that a user is not already registered in SHRINE project	<code>get_role()</code>	<code>&lt;pm: get_role&gt;</code>	<pre>i2b2_get_role(\$user_name,\$config_start_project_id)</pre>
2	Set the user in the i2b2 SHRINE project	<code>set_user()</code>	<code>&lt;pm: set_user&gt;</code>	<pre>i2b2_set_user(\$user_name, \$full_name, \$email, "", "")</pre>
3	Give the user role of DATA_AGG	<code>set_role()</code>	<code>&lt;pm: set_role&gt;</code>	<pre>i2b2_set_role(\$user_name, 'DATA_AGG', \$config_start_project_id)</pre>
4	Give the user role of USER	<code>set_role()</code>	<code>&lt;pm: set_role&gt;</code>	<pre>i2b2_set_role(\$user_name, 'USER', \$config_start_project_id)</pre>
5	Set the user param of authentication_method to NTLM	<code>set_user_param()</code>	<code>&lt;pm: set_user_param&gt;</code>	<pre>i2b2_set_user_param(\$user_name, "authentication_method", "T", "NTLM")</pre>
6	Set the user param of domain to your AD domain	<code>set_user_param()</code>	<code>&lt;pm: set_user_param&gt;</code>	<pre>i2b2_set_user_param(\$user_name, "domain", "T", \$config_AD_Domain)</pre>
7	Set the user param of domain_controller to the address of your domain controller	<code>set_user_param()</code>	<code>&lt;pm: set_user_param&gt;</code>	<pre>i2b2_set_user_param(\$user_name, "domain_controller", "T", \$config_domain_controller)</pre>