P2-INFOX

1. Introduction
The transfer between the two server will be handled via the cURL library for PHP. cURL supports also HTTPS for a secure way to transfer the data. There will also be a special userlevel and a special user in the database which will be the same on all server. This one is only for authorisation for the INFOX-module. So if the username or password will be changed later, a centralized administrator only has to change this dataset. This can also be handled via the P2-INFOX module.

2. P2-INFOX Interface
If data should be transfered all neccessary data has to be given via the POST-method to the INFOX-module. Furthermore the name of the tabel also has to be given so that the module can put the data into the correct table. Here is a samplecode for calling the P2-INFOX module:

```
<form method="post" action="index.php?module=infox">
  <input type="hidden" name="table" value="users" />
  <input type="hidden" name="data['firstname']" value="Albert" />
  <input type="hidden" name="data['name']" value="Einstein" />
  <!-- OPTIONAL FIELD -->
  <input type="hidden" name="redirect" value="index.php?module=home" />
  <input type="submit" value="TRANSFER" />
</form>
```

So there is a field with the name of the table and there is an array with all the data. The key should always be the name of the field in the database. Optionally a redirect-link can be given

3. Workflow
After pressing the Transfer-Button the P2-INFOX-Module is showing a mask with a dropdown-menu for selecting the destination university. By submitting, the transfer will be startet. The P2-INFOX Module tries to connect to the selected server and transfers all given data. The local server receives a response (Success/Failure) and tells the user if the transfer was successful. Afterwards the user will be redirected to the given page or if not set to the homepage.