

# Interface Module Documentation

## General

The module will focus entirely on the interface of the application, and the communication between the two "ends" of the application, front-end and back-end.

## Interfaces to be implemented

### Homepage:

When arriving on the homepage, the user will see the following elements, whilst not being logged in:

- Header, which will include the application logo, the fields for login form (username and password) and two buttons: Login and Register.
- Body, which will include the form users can fill in in order to search for a word in the database, this being the only thing they can do without being logged in. Once the form has been filled and submitted, the information will be sent to the server.

### Registration page:

Once the user clicks on "Register" button, the registration page will appear, which will include the following elements:

- Header, which will include the application logo, the fields for login form (username and password) and two buttons: Login and Register.
- Body, which will include the form users can fill in order to create a new account. Once the form has been filled and submitted, the information will be sent to the server.

After the form has been submitted, the user will be taken back to the homepage, without being logged in.

*After the user has logged in, the header will change, the login form, login and register buttons will disappear, and three more will appear in their place: Edit and Import and Logout. Near the logout button will be the message "Hello, \*username\*", where \*username\* will be the user's registration name.*

### **Import page:**

Once the user has logged in, the import page becomes available. This page will include the following elements:

- Header, which will include the application logo and the Edit, Import and Logout buttons. Near the logout button will be the message "Hello, \*username\*", where \*username\* will be the user's registration name.
- Body, which will include the import form users can fill in order to add a word and its data to the database. Once the form has been filled and submitted, the information will be sent to the server.

After this, a confirmation message will appear and the user will be taken back to the homepage.

### **Edit page:**

Once the user has logged in, the edit page becomes available. This page will include the following elements:

- Header, which will include the application logo and the Edit, Import and Logout buttons. Near the logout button will be the message "Hello, \*username\*", where \*username\* will be the user's registration name.
- Body, which will include the import form users can fill in order to edit a word and its data to the database. Once the form has been filled and submitted, the information will be sent to the server.

After this, a confirmation message will appear and the user will be taken back to the homepage.

