



ÉCOLE
D'INGÉNIEURS
PARIS-LA DÉFENSE

Java EE and frameworks

Project n°3:

Web Student Book JSF

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General

Database structure

The database named « studentdb » is composed of one table. This table is the student table and has some attributes. An index (id), a firstname (firstname), a lastname (lastname), and email address (email).

So we create the table :

```
CREATE TABLE student(  
  id INT NOT NULL PRIMARY KEY auto_increment,  
  firstName varchar(40),  
  lastName varchar(40),  
  email varchar(40)  
)
```

example:

```
INSERT INTO student (firstName, lastName, email) values ( 'augustin', 'de la taille',  
'adelataille@gmail.com");
```

Website structure

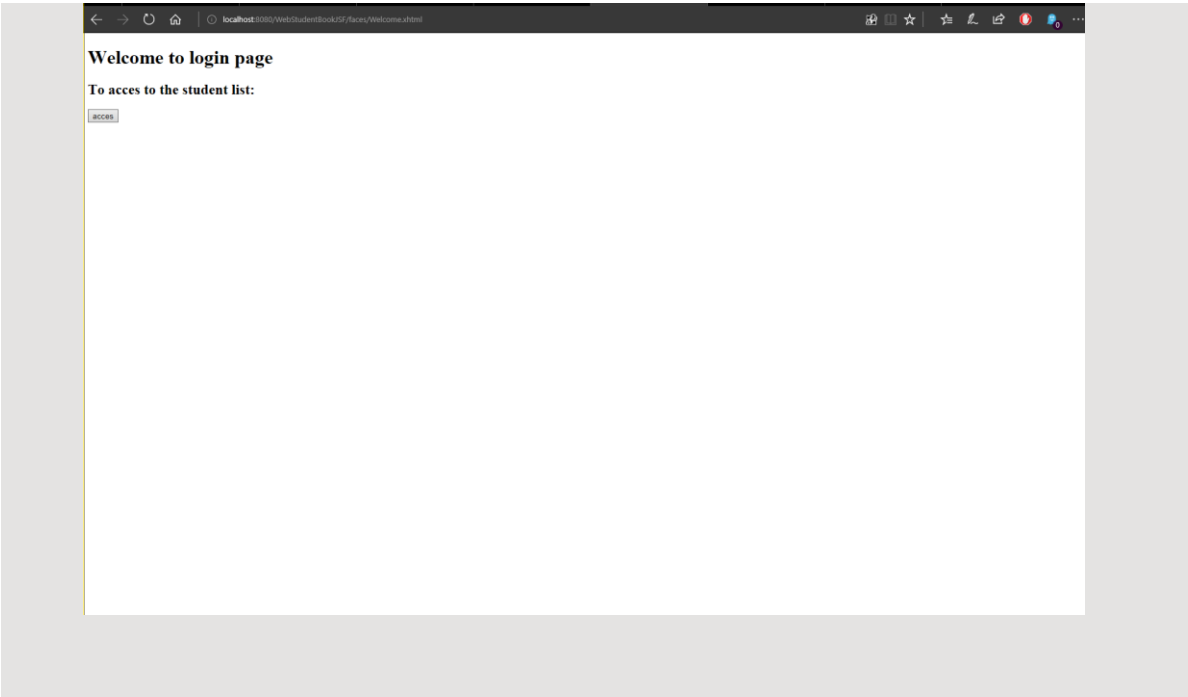
the structure of this website is very simple because it only has one student data. ON must therefore have a page that allows the identification of the user and then a page that displays the list of students. Then one page per function of management of the database; add, edit, delete.

Pages

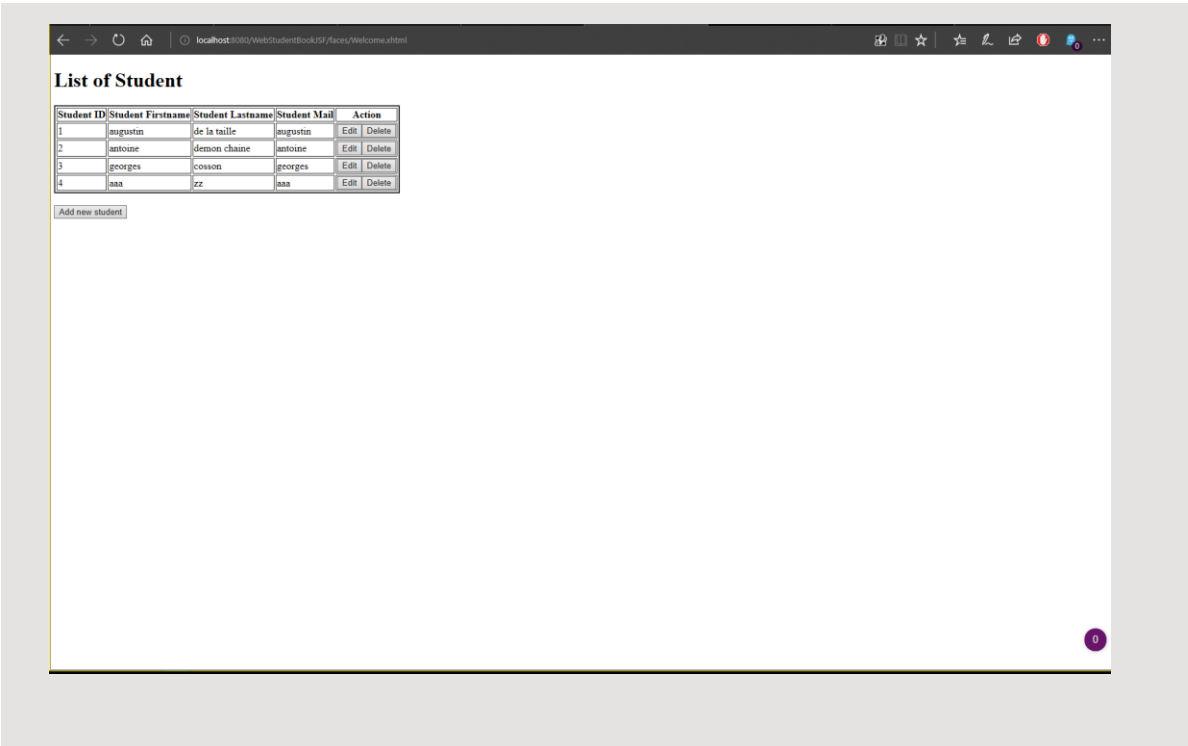
Welcome

The first page of the website is the welcome page. The user can log in with his name and his id. The user is redirected on a page where there is the list of students. On this page the user can see his first and last name.

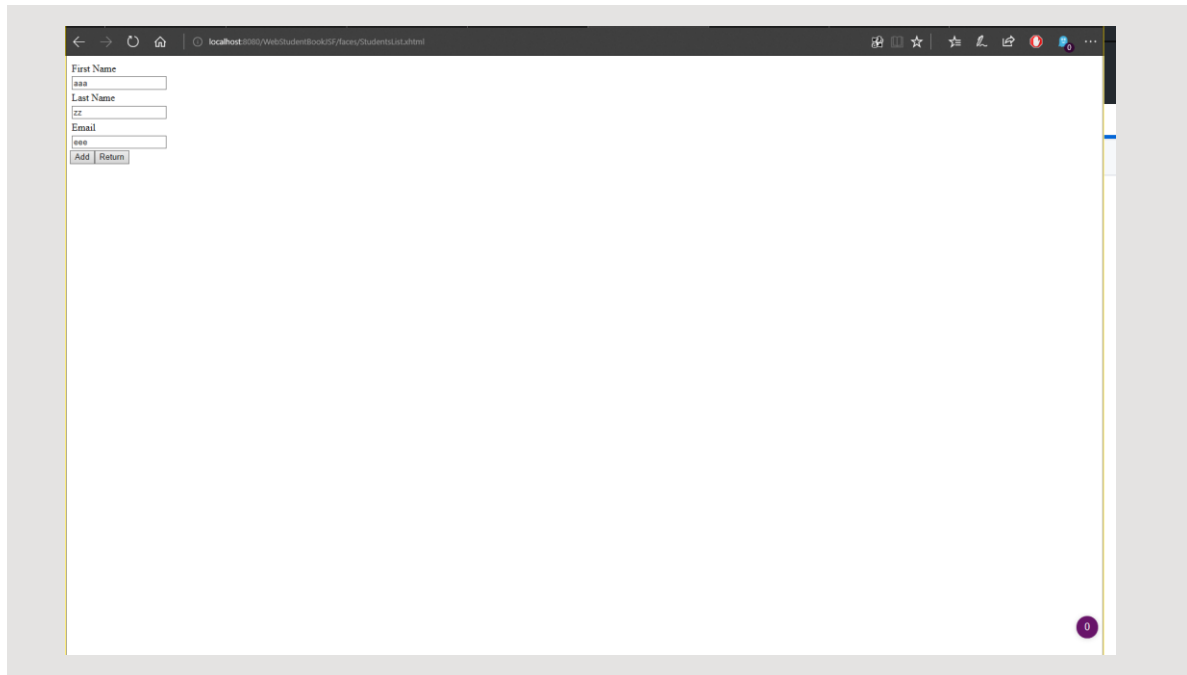
Also on this page there are possibilities to add, remove or edit a student profile. For this there are different links to other pages.



Student List



Add a Student profil



A screenshot of a web browser window displaying a form titled "Add Student". The browser's address bar shows the URL "localhost:8080/WebStudentBookJS/faces/StudentList.xhtml". The form contains four input fields: "First Name" with the value "aaa", "Last Name" with the value "zz", "Email" with the value "eee", and a small "Add" button next to it. A "Return" button is located below the "Add" button. The browser's developer tools are open on the right side of the window.

localhost:8080/WebStudentBookJS/faces/StudentList.xhtml

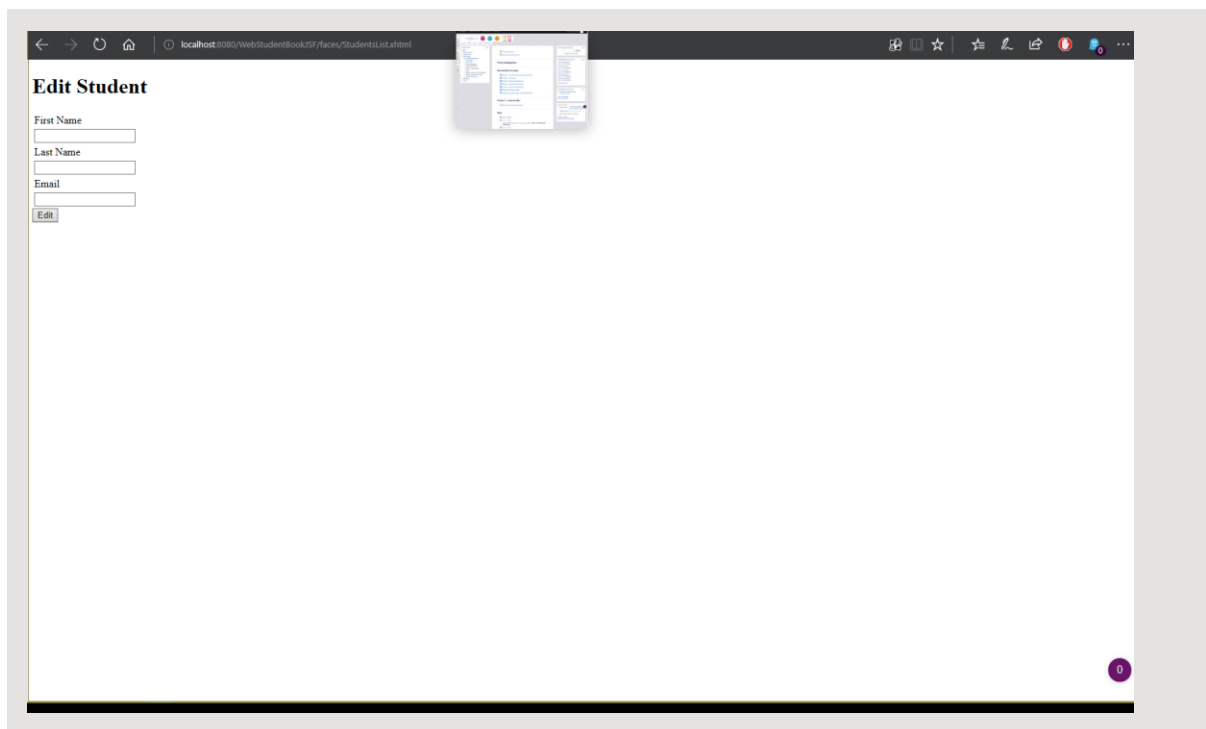
First Name
aaa

Last Name
zz

Email
eee

Add Return

Edit Student profil



A screenshot of a web browser window displaying a form titled "Edit Student". The browser's address bar shows the URL "localhost:8080/WebStudentBookJS/faces/StudentList.xhtml". The form contains four input fields: "First Name", "Last Name", "Email", and a small "Edit" button. A small window is open in the background, showing a list of students. The browser's developer tools are open on the right side of the window.

localhost:8080/WebStudentBookJS/faces/StudentList.xhtml

Edit Student

First Name

Last Name

Email

Edit