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Escuela de Ingenieros
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Asignatura / *Gaia:* **Software Engineering**   Curso / *Kurtsoa:* **3º**

Nombre / *Izena:*   Fecha / *Data:* **18/02/2020**

The files to solve this test are in:

https://github.com/nicolasserrano/CS/tree/master/webapps/SE2020_02_18

EXERCISE 1 (5 POINTS)

Develop a Servlet named **EmployeesList** that lists all the employees returned by the function getEmployeesList() in the class *EmployeesData.java*.
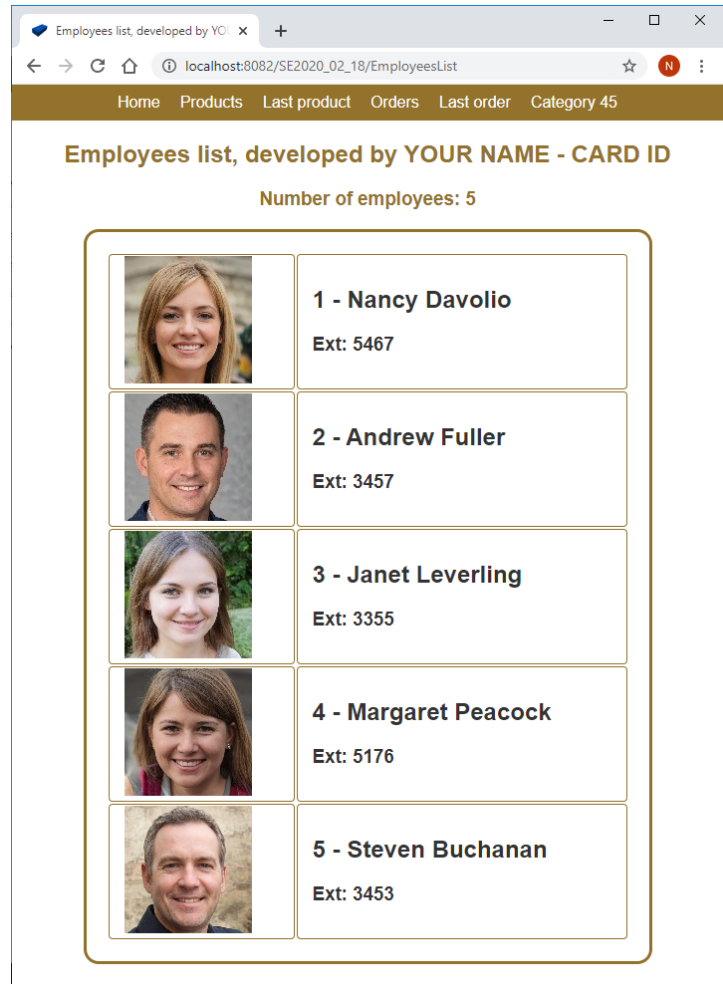
The title after the menu must say: "Employees list, developed by YOUR NAME – CARD ID".

After this title the message: "Number of employees: NN" must appear, where NN is the number of employees returned by the function getEmployeesList().

The list must include the following fields: employee Id, last name, first name, extension and image file name.

The format must be similar to the one shown in the image.

You can include the image of the employee. The images are in the folder:

https://github.com/nicolasserrano/CS/tree/master/webapps/auxiliary/images

And they can be shown in the web page with the following tag, for example for employee with Id 1, and image file "empF47630.jpg":

<img src="https://nicolasserrano.github.io/CS/webapps/auxiliary/images/empF47630.jpg">

Check the sections you have done:

☐ *The solution is in the folder SE2020_02_18 (0.5 point)*

☐ *The solution shows your name and card id before the table (0.5 point)*

☐ *The solution shows the list of fields in the first row of the table (1 point)*

☐ *The solution shows the list of employees with the specified fields (2 points)*

☐ *The solution shows the fields with the format shown in the image*
   (id firstName lastName in a row and the extension in the next line. (0.5 point)

☐ *The solution shows the image of the employee (0.5 point)*

EXERCISE 2 (5 POINTS)

In the folder of the test, you will find the **EmployeesListJS.html** file. You should modify this file to add a button named "Edit Extension" to one of the employees, or better to all the employees (*). This button will be placed in the last cell of the row or better, create a new cell (<td>) at the end of the row (<tr>) (**). When the user clicks the "Edit Extension" button, a form is created to replace the label of the extension with an input value with the current value of the extension and an submit input named "Update" to update the value of the extension. If you are not able to create the form in the cell of the label, you can create the form at the botton of the table (***).

The form will call the servlet '*UpdateExtension*' with the parameters id and extension. The servlet *UpdateExtension* will shows the id of the employee and the new extension.

☐ *The solution shows the "Edit extension" button in the row of the employee (1.5 point)*

☐ *(**) The solution shows the "Edit extension" button in a new cell of the row of the employee (0.5 point)*

☐ *The solution creates the Input with the current extension value when the Edit Extension is clicked (1 point)*

☐ *The solution creates the Update button and the form when the Edit extension is clicked (1 point)*

☐ *(***) The solution sets the Inputs and Update button in the position of the existing label of the extension (0.5 points) Note: the extension is the only <span> element of the row.*

☐ *(*) The solution creates the button for all the rows (0.5 point)*