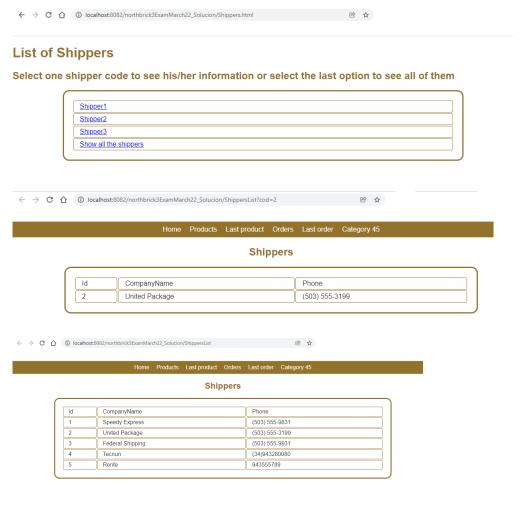| Asignatura / *Gaia:* **Software Engineering**	Curso / *Kurtsoa:* **3º**
Nombre / *Izena:*	Fecha / *Data:* **17/03/2022**

EXERCISE 1 (5 POINTS)

The IT deparment is making improvements in the northbrick3 application. They want to include an user-friendly way of showing the shippers' information the company works with. They want to have the option to show the information of one specific shipper or the option to get the list of shippers saved in the database.

To do so, the IT department have provided you with an incomplete html file named **Shippers.html** that you should modify to show 4 links, the first 3 links will show the information about the 3 first suppliers saved in the database, and the last link will show the details of all the shippers saved in the database.

Apart from the **Shippers.html** file, you should develop, at least, a servlet called **ShippersList.java.** This servlet could receive one parameter with the shipper id if you select one of the first 3 options.

☐ *The design of the html file is similar to the one in the picture (titles, table...)(0.5 points)*

☐ *The html file has the needed links (0,5 points)*

☐ *The servlet receives the fields from the html file (1 point)*

☐ *The servlet shows the information of a specific shipper (1,5 points)*

☐ *The servlet shows the information of all shippers (1,5 points)*

EXERCISE 2 (5 POINTS)

Taking into account the current global supply chain problems caused by the pandemic, the company has decided to increase the number of shippers.

The commercial department asked you to develop a servlet to add new shippers in the database. To do so, you need to create a new html file called **InsertNewShipper.html**, where you can enter the specific information and send it to the database clicking on Submit button.

In order to save this information in the database you have also to develop, at least, a new servlet called **InsertShipper**, that reads the fields from the html file and inserts a new Shipper in the database.

Just to check if the new shipper has been inserted correctly in the database, you could redirect to **Shippers.html** (developed in the previous exercise) and select the option to show all the shippers in the database.

```
res.sendRedirect("Shippers.html");
```

← → C ⌂ ⓘ localhost:8082/northbrick3ExamMarch22_Solucion/InsertNewShipper.html ☆

Company Name [   ]
Phone   [   ]
                  [Submit]

← → C ⌂ ⓘ localhost:8082/northbrick3ExamMarch22_Solucion/ShippersList ☆

Home   Products   Last product   Orders   Last order   Category 45

Shippers

Id	CompanyName	Phone
1	Speedy Express	(503) 555-9831
2	United Package	(503) 555-3199
3	Federal Shipping	(503) 555-9931
4	Tecnun	(34)943280080
5	Renfe	943555789

☐ *The html file is similar to the image (1 point)*

☐ *The servlet receives the fields from the html file (1 point)*

☐ *The solution inserts the new shipper in the database (3 points)*