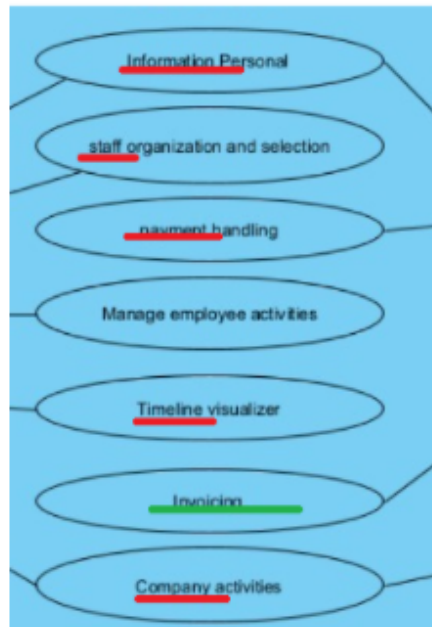# Team 6 : ProJavaDevelopers

Team Inspector: Team 8 Rocket Team

URL: https://github.com/LeonelFMantuano18/Team06_ProJavaDevelopers.git
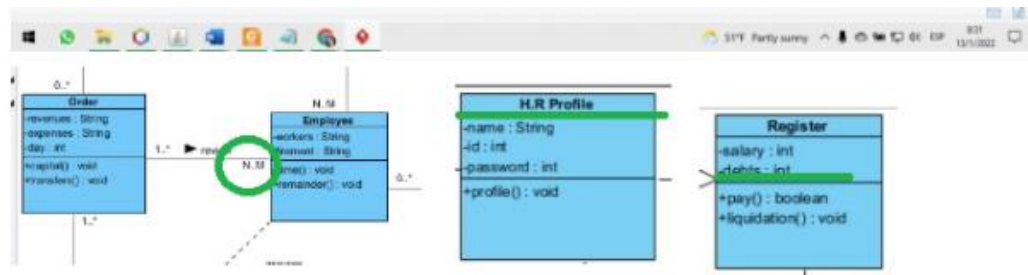
-Use Case Diagram: Functions don't start with verbs, There are only seven Functions, Invoicing doesn't have complement
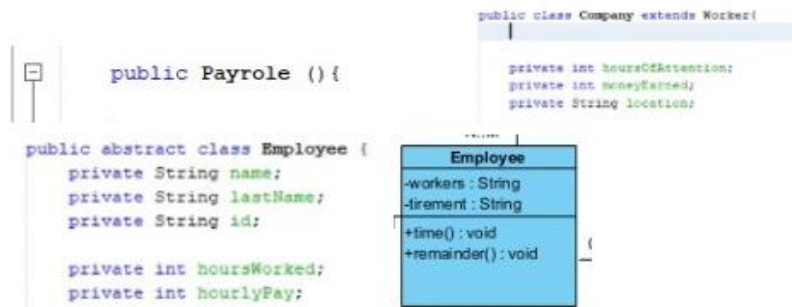

-UML Class Diagram:

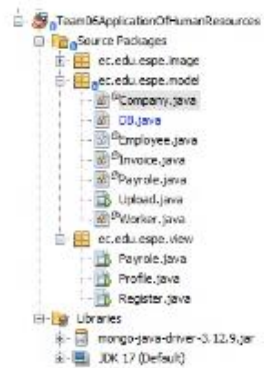There are only three types of relations(no composition or inheritance...). "H.R Profile" It's not a good name for a class. The attribute "debits" It's in plural. The multiplicity in "Employee" it's not a number.

-Code Quality:

The attribute "Money earned" its not in the specified class in the UML, The class "Payrole" it's not in the UML,   The class "Employee" has extra attributes compare to the UML. Some Functions drops message in spanish

```
public class Company extends Worker{

    private int hoursOfAttention;
    private int moneyEarned;
    private String location;
```

```
      public Payrole (){
```

```
public abstract class Employee {
    private String name;
    private String lastName;
    private String id;

    private int hoursWorked;
    private int hourlyPay;
```

Employee

-workers : String
-tirement : String

+time() : void
+remainder() : void

Tree structure (left panel):

```
Team06ApplicationOfHumanResources
  Source Packages
    ec.edu.espe.image
    ec.edu.espe.model
      Company.java
      DB.java
      Employee.java
      Invoice.java
      Payrole.java
      Upload.java
      Worker.java
    ec.edu.espe.view
      Payrole.java
      Profile.java
      Register.java
  Libraries
    mongo-java-driver-3.12.9.jar
    JDK 17 (Default)
```

Message dialog:

Message   ×

(i)   Selecciona el ID a borrar

                          OK

Select an Option   ×

(?)   ¿Estas seguro de eliminar este ID?61e022a5ab98b0543e2aeaf2

                   Yes   No   Cancel

Message   ×

(i)   Por favor selecciona el Id a subir

                          OK

- **Buttons without code:** Everything ok

```
private void btnUploadActionPerformed(java.awt.event.ActionEvent evt) {
    Document dataUpload= new Document();

    dataUpload.put("Name", txtName.getText());
    dataUpload.put("Id", txtId.getText());
    dataUpload.put("Gender", txtGender.getText());
    dataUpload.put("Age", txtAge.getText());

    UpdateResult answer = Register.updateOne(filter, new Document("$set",dataUpload));
    if(answer.getMatchedCount()==1){
        JOptionPane.showMessageDialog(this, "Se subio correctamente");
    } else {
        JOptionPane.showMessageDialog(this, "Error");
```
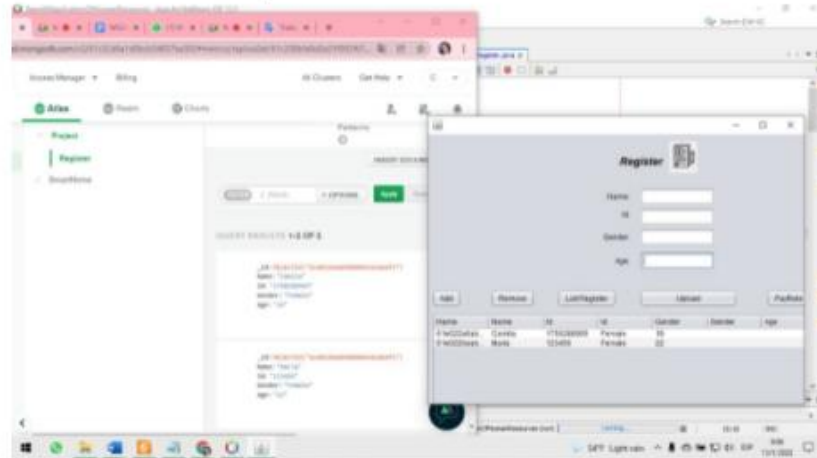
-Execution

-DB

Some of the variables are repeated

-Navigation

Everything Ok

- Frames

Gender:

-Navigation
Everything Ok
- Frames

Gender:	

19. Requirements /10
20. Use Case Diagram 8.5/10
21. UML Class Diagram 8/10
22. Code Quality 8/10
23. Buttons without code 10/10
24. Execution
     1. DB 10/10
     2. Navigation 10/10
     3. Frames Design 8.5/10
     4. Functionality + DB 19/20

_____

TOTAL 82/100

26	MAISINCHO PAUCAR RICHAR ALEXANDER	9
27	MALDONADO BASTIDAS MATEO STEFANO	9
28	MANTUANO FERNANDEZ LEONEL FERNANDO	8
29	MORALES CAICEDO ANTHONY JAVIER	9
30	PALACIOS CANDO DIEGO SEBASTIAN	10