

COLLABORATIVE EXERCISE

Remember!

1) TAKE THE MATERIAL OF EXERCISE.

For each task:

2) **WRITE DOWN THE START TIME (HH:MM:SS:)**

3) Read the modification task “i”.

4) Read the material based on the needs of the task.

*Note you only can read the material of the system (code and models) while you are performing a task, and **NOT BEFORE!***

5) Solve the task “i” using the given form.

6) **WRITE DOWN THE FINISH TIME (HH:MM:SS).**

7) Select those **artifacts** you used to solve the task.

Task 1

Write down the start time _____ : _____ :

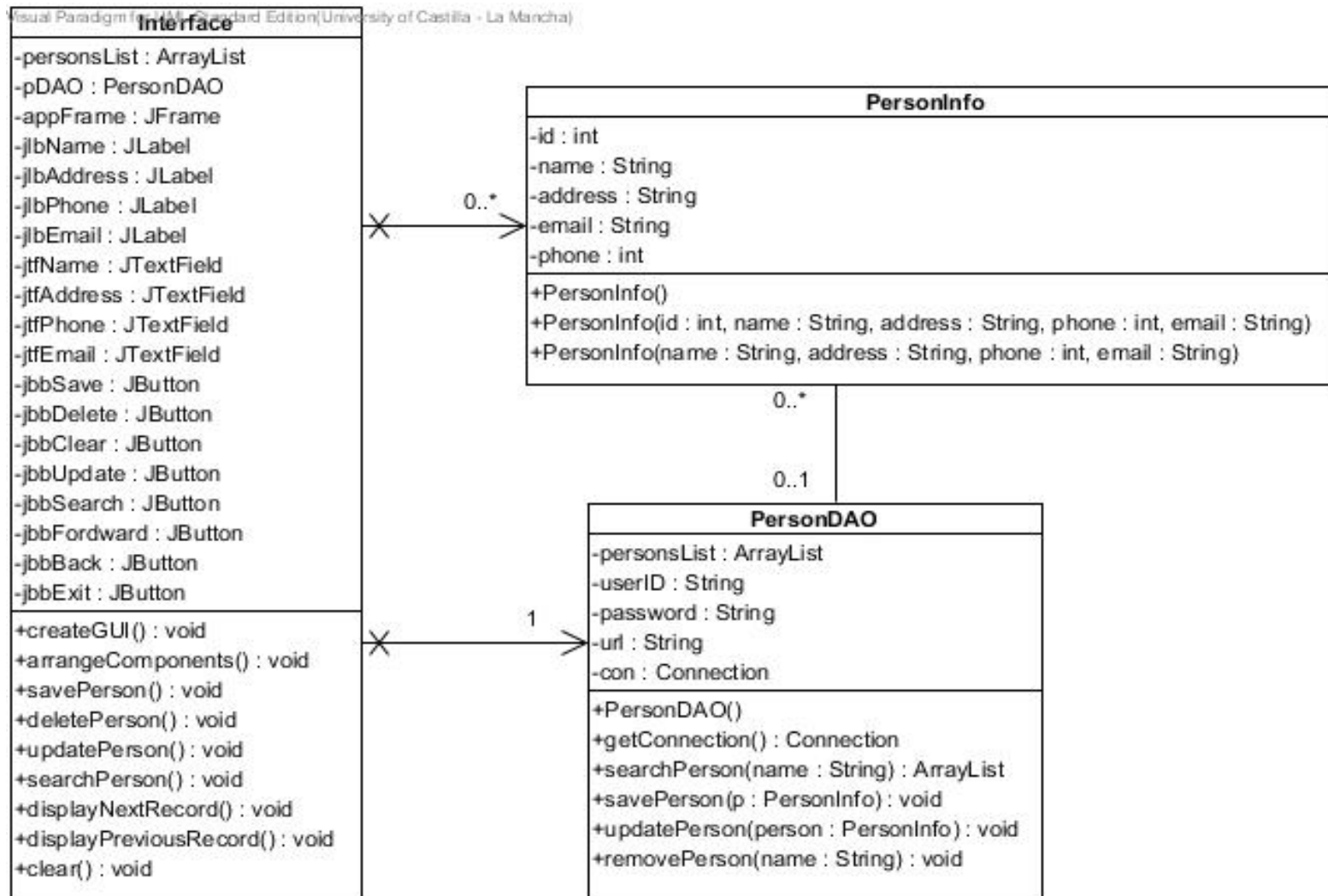
Store the date when a contact is registered.

Write down the end time _____ : _____ :

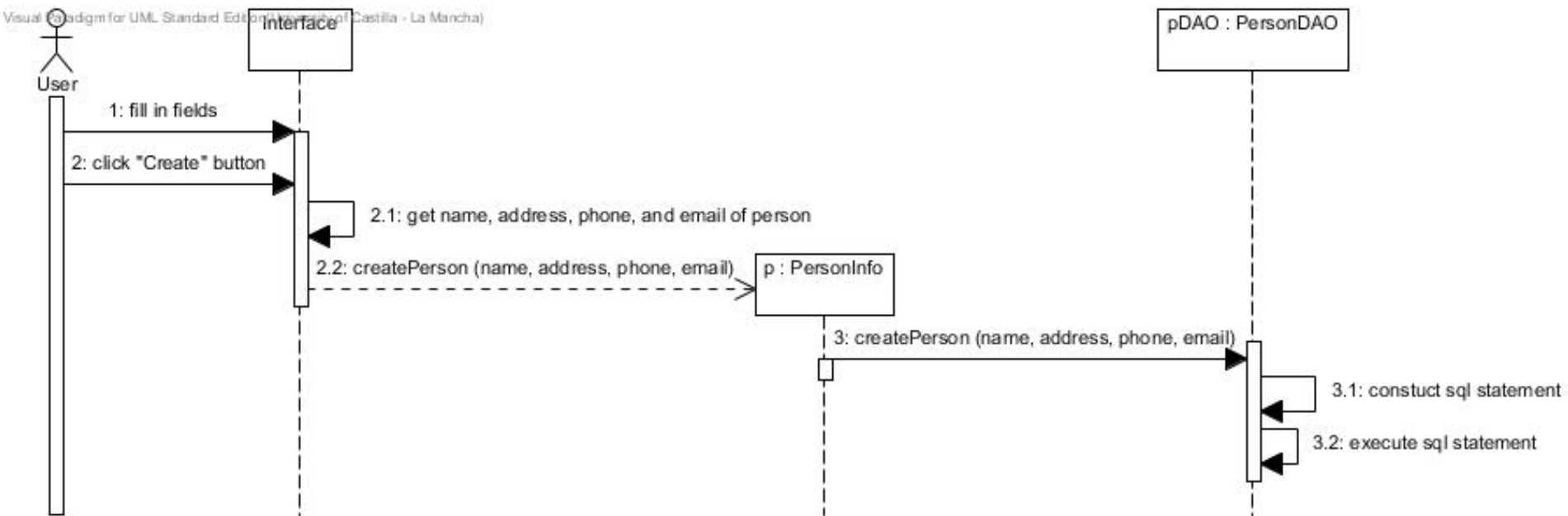
Quali artefatti hai utilizzato per realizzare quest'operazione? (Segna tutte le risposte che ritieni opportune)

- ☐ Codice sorgente
- ☐ Diagramma di classe
- ☐ Diagramma di sequenza

Class diagram



Sequence diagram



CODE - PersonInfo

PersonInfo.java

```
1 public class PersonInfo{
2     private String name,address,email;
3     private int id, phone;
4
5     public PersonInfo(){
6         name = "";
7         address = "";
8         email = "";
9         id = 0;
10        phone = 0;
11    }
12
13    public PersonInfo(int id, String name, String address, int phone, String email){
14        this.id = id;
15        this.name = name;
16        this.address = address;
17        this.phone = phone;
18        this.email = email;
19    }
```

CODE - PersonDAO

PersonDAO.java

```
1 import java.util.*;
2 import java.sql.*;
3
4 public class PersonDAO{
5
6     private ArrayList personsList;
7     private String userid = "scott";
8     private String password = "tiger";
9     static String url = "jdbc:odbc:bob";
10    private Connection con;
11
12    public PersonDAO(){
13        personsList = new ArrayList();
14        getConnection();    //Create Connection to the Database
15    }
16
```

If it is a class								
Task	Action (C=Create D=Delete M=Modidy)	Name	Methods (exclude setters and getters)				Attributes (type:name)	Details/ Extra information
			Name	Return type	Parameters (type:name)	Pseudocode		

If it is a method							
Task	Action (C=Create D=Delete M=Modify)	In class	Name	Return type	Parameters (type:name)	Pseudocode	Details/ Extra information

If is an attribute					
Task	Action (C=Create D=Delete M=Modify)	Name	In class	Type	Details/ Extra information

If it is a piece of code (some line(s))					
Task	Action (C=Create D=Delete M=Modify)	In class	In line	Pseudocode	Details/ Extra information

Task 2

Write down the start time _____ : _____ :

Now, we don't want to store the email of contacts.

Write down the end time _____ : _____ :

Quali artefatti hai utilizzato per realizzare quest'operazione? (Segna tutte le risposte che ritieni opportune)

- ☐ Codice sorgente
- ☐ Diagramma di classe
- ☐ Diagramma di sequenza