

UNIVERSIDAD DE LAS FUERZAS ARMADAS - ESPE

DEPARTAMENTO DE CIENCIAS DE LA COMPUTACIÓN

OBJECT ORIENTED PROGRAMMING

NRC: 9652

WORKSHOP #12

DATE: 06/06/2023

DUE: 11pm

1. SANMARTIN GALAN JOSE MIGUEL
2. SIMBAÑA RIVADENEIRA MICHAEL STEVEN
3. TIPAN MOREIRA OSWALDO JACINTO
4. ZURITA ROSERO PABLO ESTEBAN

Presentaion: 7.7/10

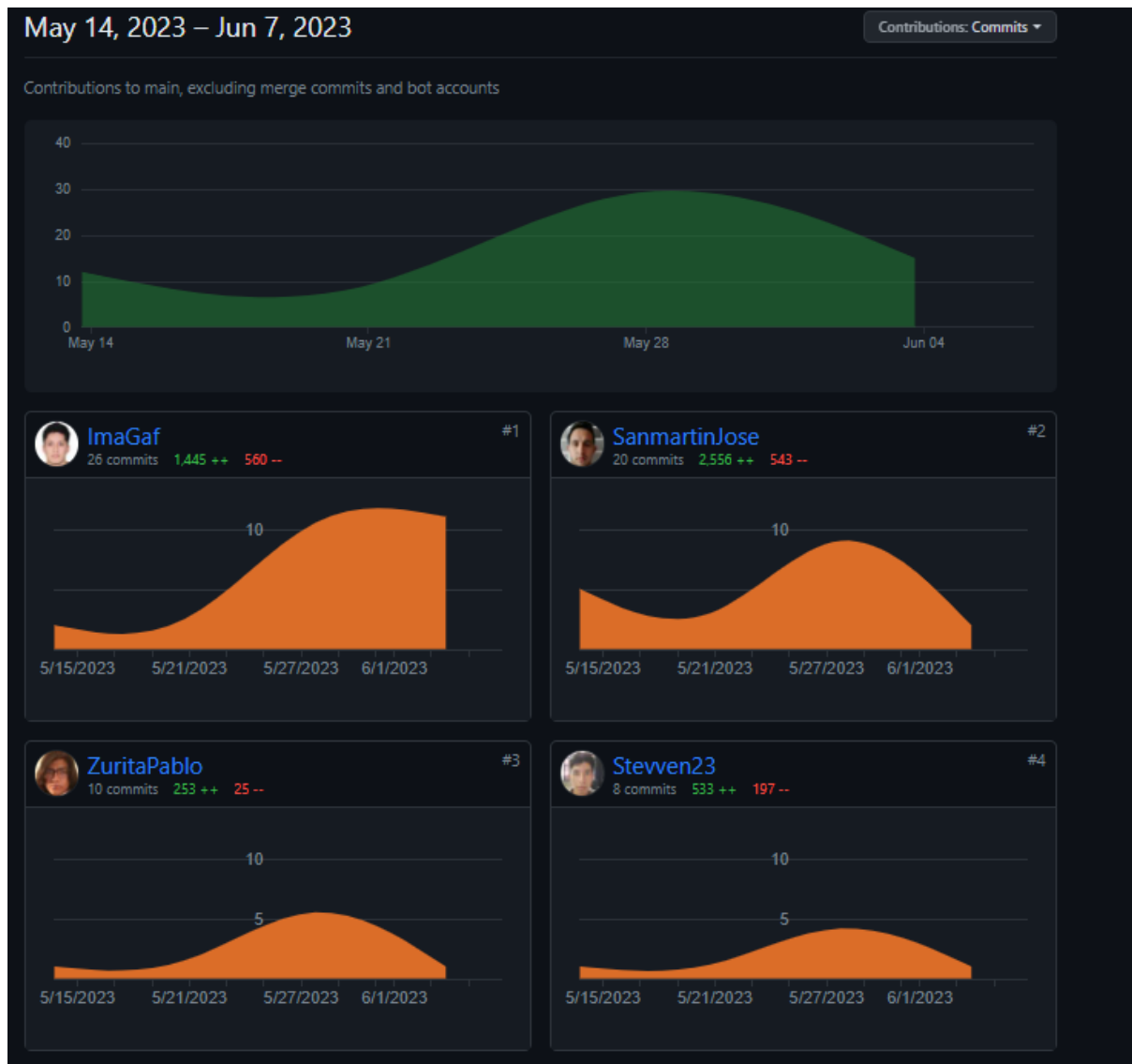
Rubric

Presentation

0.- GitHub	/100
1.- Interview and Presentation	10/10
2.- Project definition	10/10
3.- Software Requirements	8/10
4.- Use Case	7/10
5.- Class Diagram	8/10
6.- Data files	6/10
7.- Execution	4/10
8-10.- Clean Code	/30
TOTAL	/100

Evidence

GitHub



1.- Interview and Presentation



2.- Project definition

OOP9652-OOP-ERATION-GOSLING / 01-Definition / ProblemDescription.pdf

SanmartinJose Definition V0.2 4b9439d - last week History

283 KB

Management system to control tutoring, teachers and student progress of a business that provides educational and holistic services to early childhood children "Magic Place"

Problem

The team aims to create a user management system to control tutoring, teachers and student progress of a business that provides educational and holistic services to early childhood children "Magic Place". Its owner told us that she schedules appointments with her clients to provide help in the early education of their children, and that she works together with a group of teachers who carry out the same activity, however, she continues to do so with an agenda, schedules and charges as well. It performs them manually, our objective is to find a way to facilitate our client's registration of these, the charges and the schedules so that the service is more efficient and improves for their clients.

Overview

Magic Place is an organization dedicated to providing personalized educational services, with a special focus on learning at home for preschool-age children. Recognizing the importance of an efficient organizational structure, we strive to provide optimal planning that allows students to acquire all the necessary knowledge and, if necessary, reinforce the acquired skills.

Our business focuses on the implementation of specialized software to optimize learning activities at home. Working closely with highly trained professionals, our services are delivered directly to clients' homes, on specific days of the week, and

3.- Software Requirements

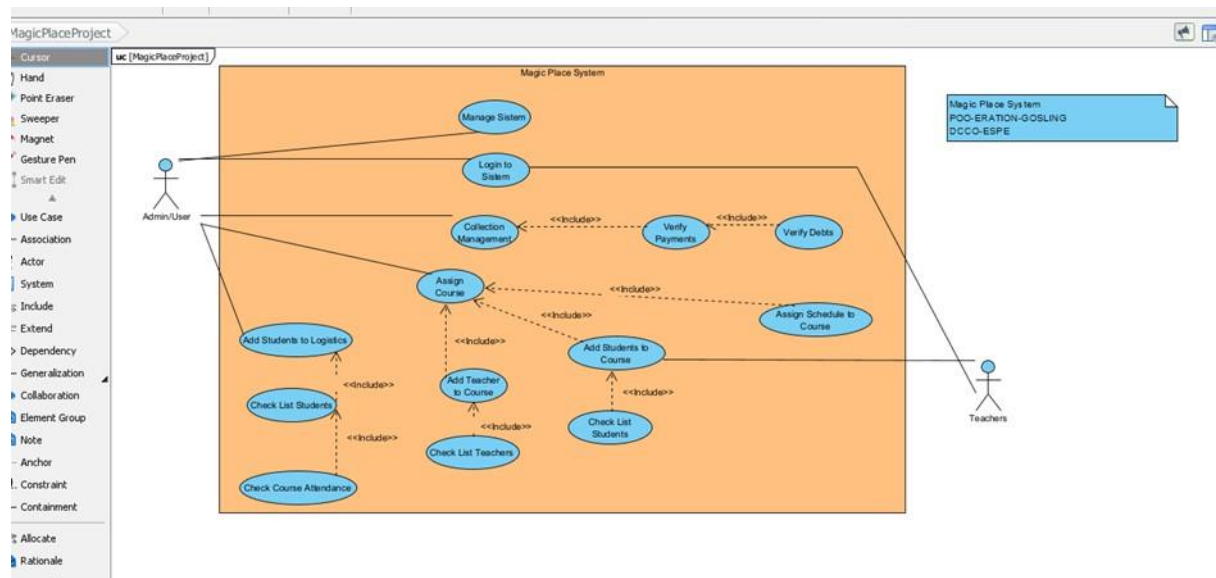
Priority of the requirement:	High
-------------------------------------	------

Identification of the requirement:	RF02
Name of the requirement:	Add new HolisticStudent
Characteristics:	The new student will be upload to the database
Description of the requirement:	The manager will be able to add a new Holistic Student
Priority of the requirement:	High

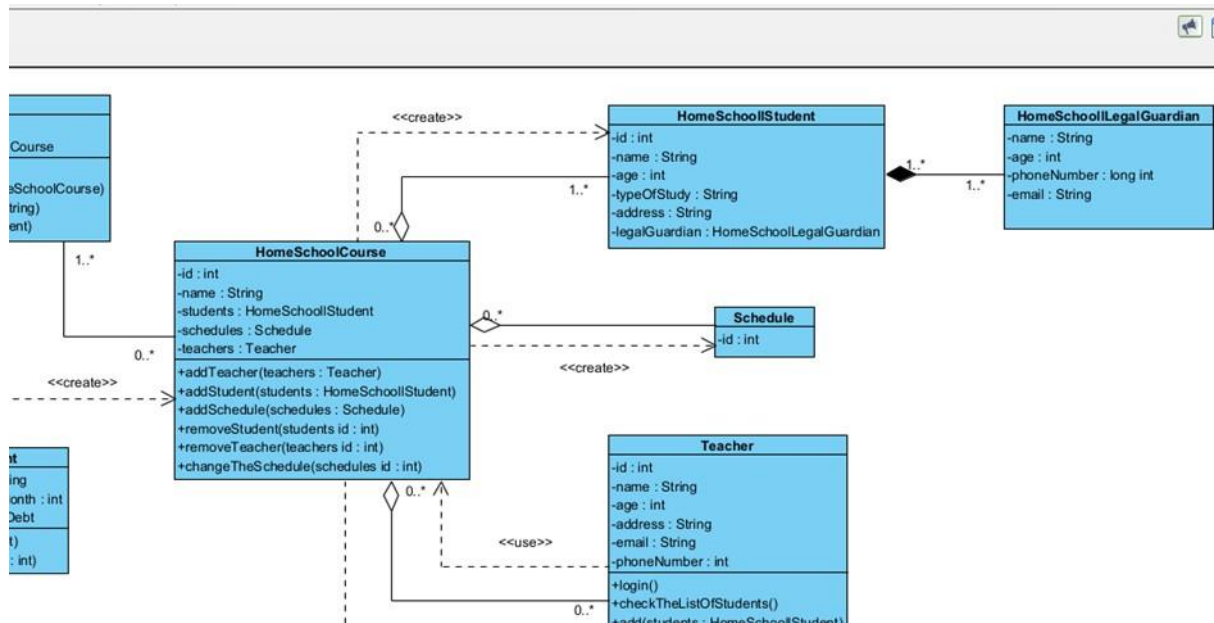
Identification of the requirement:	RF03
Name of the requirement:	Add a new Teacher
Characteristics:	The teacher will be upload to the database
Description of the requirement:	The manager will be able to upload a new teacher every time he wants
Priority of the requirement:	High

Identification of the requirement:	RF04
Name of the	

4.- Use Case



5.- Class Diagram



6.- Data files

SOFTWARE > POO > REVISION > OOP9652-OOP-ERATION-GOSLING > OOP9652-OOP-ERATION-GOSLING > 06-Code > MagamentSystem > data				
Nombre	Fecha de modificación	Tipo	Tamaño	
debts	7/6/2023 10:08	Archivo JSON	1 KB	
help	7/6/2023 10:08	Archivo JSON	1 KB	
holisticLegalGuardian	7/6/2023 10:08	Archivo JSON	1 KB	
holisticStudents	7/6/2023 10:08	Archivo JSON	1 KB	
homeSchoolStudents	7/6/2023 10:08	Archivo JSON	1 KB	
studentList	7/6/2023 10:08	Archivo JSON	2 KB	

7.- Execution

```

package ec.edu.espe.managementsystem.view;

Output - MagamentSystem (run) x
run:
-----Sistema de administración de horarios-----
1. Administrar cursos del HomeSchool
2. Administrar estudiantes de Holística
3. Administrar pagos
4. Salir
Seleccione una opción: 1
-----Administración del HomeSchool-----
1. Administrar Estudiantes
2. Administar horarios
3. Administrar notas
4. Regresar
Seleccione una opción:
  
```

```
Output - MagamentSystem (run)

Run:
-----Sistema de administraci3n de horarios-----

1. Administrar cursos del HomeSchool
2. Administrar estudiantes de Holística
3. Administrar pagos
4. Salir

Seleccione una opción: A
Exception in thread "main" java.util.InputMismatchException
    at java.base/java.util.Scanner.throwFor(Scanner.java:947)
    at java.base/java.util.Scanner.next(Scanner.java:1602)
    at java.base/java.util.Scanner.nextInt(Scanner.java:2267)
    at java.base/java.util.Scanner.nextInt(Scanner.java:2221)
    at ec.edu.espe.managementsystem.view.Menu.main(Menu.java:35)
C:\Users\usuario\AppData\Local\NetBeans\Cache\17\executor-snippets\run.xml:111: The following error occurred while executing this line:
C:\Users\usuario\AppData\Local\NetBeans\Cache\17\executor-snippets\run.xml:68: Java returned: 1
BUILD FAILED (total time: 53 seconds)
```

8-10.- Clean Code

Team 4:OPP-ERATION-GOSLING

Project's name:Magic Plaze System

Leader: José Miguel Sanmartín Galan

GitHub: <https://github.com/SanmartinJose/OOP9652-OOP-ERATION-GOSLING>

Inspector: Team 1, Jilmar Calderon

Interview video: <https://www.youtube.com/watch?v=eipAkdQgw9g>

► GitHub	1/100
► Interview and Presentation	10/10
► Project Definition	10/10
► Software Requirements	8/10
► Use Case	7/10
► Class Diagram	8/10
► Data Files	6/10
► Execution	4/10
► Clean code	1/30
Total	1/100

- Project Definition

- System that can control educational progress
- Can schedule appointments with her clients (teacher, student, parents)
- Control an agenda
- Register the charges and schedules automatically
- Control pay
- Is consistent with presentation

- Requirements

- Don't have a function to control the progress
- Can't schedule appointment with parents

- Use Case

Add Student to Logistic is not in the Requirements

No interaction with parents

Manage System → Grammatical Error Manage System
 Login to System → Grammatical Error Login to System

► Class Diagram

- Grammatical error in class HomeSchoolStudent, call HomeSchool Legal Guardian → correct name is HomeSchool Legal Guardian
- Interaction with Parents, wasn't mentioned in Requirements or Use Cases

► Data Files

- Missing 4 json files.

► Execution

- Program crash with letter in option, principal menu, no validation
- Program ^{crash} each menu with letter data.
- Student Management menu don't have a specific action about what is need to enter
- Program accept negative numbers in data request. of born date
- Bad registration of information
- There's not a clean display of information when letters have accents.