Team 1: Scriptal
Github: https://github.com/KarlaAns/Scriptal-Repository

Project name: Student System
Leader: Karla Ansatuña
MongoDB URI:
mongodb+srv://laandrade:laandrade@cluster0.jcz1lsa.mongodb.net/test
Inspector: T10 Justin Villarroel

1	ACALO CRUZ CRISTIAN JOSE	16
2	ALDAZ VIDAL BERNARDO ANDRE	8
3	ANDRADE ENCALADA LUIS ALEJANDRO	8
4	ANSATUÑA ANDRADE KARLA ALEJANDRA	8

```
RUBRIC
GitHub          /20
SOLid           19/20    -> single responsibility -1
GoF Patterns    10/20    -> every design pattern /10  -10-only strategy pattern
Functionality   19/20    every collection/1, every functionality/1  (+9 collection, )
Unit Tests      16/20    failing to pass/5, pass to fail/5, 100 test cases/10
Code Quality    -4/-20   every pitfall -1
                _____
TOTAL           64/100
```

EVIDENCE

SOLid   Single Responsibility Code

```java
public boolean getStatusCbmDarkMode() {
    return cbmDarkMode.isSelected();
}

public void setStatusCbmDarkMode(boolean isSelected) {
    this.cbmDarkMode.setSelected(isSelected);
}

/**
 * @return the id
 */
public int getId() {
    return id;
}

/**
 * @param id the id to set
 */
public void setId(int id) {
    this.id = id;
}

/**
 * @return the password
 */
public String getPassword() {
    return password;
}
```
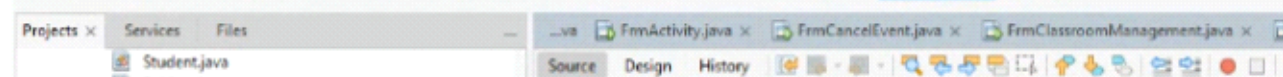
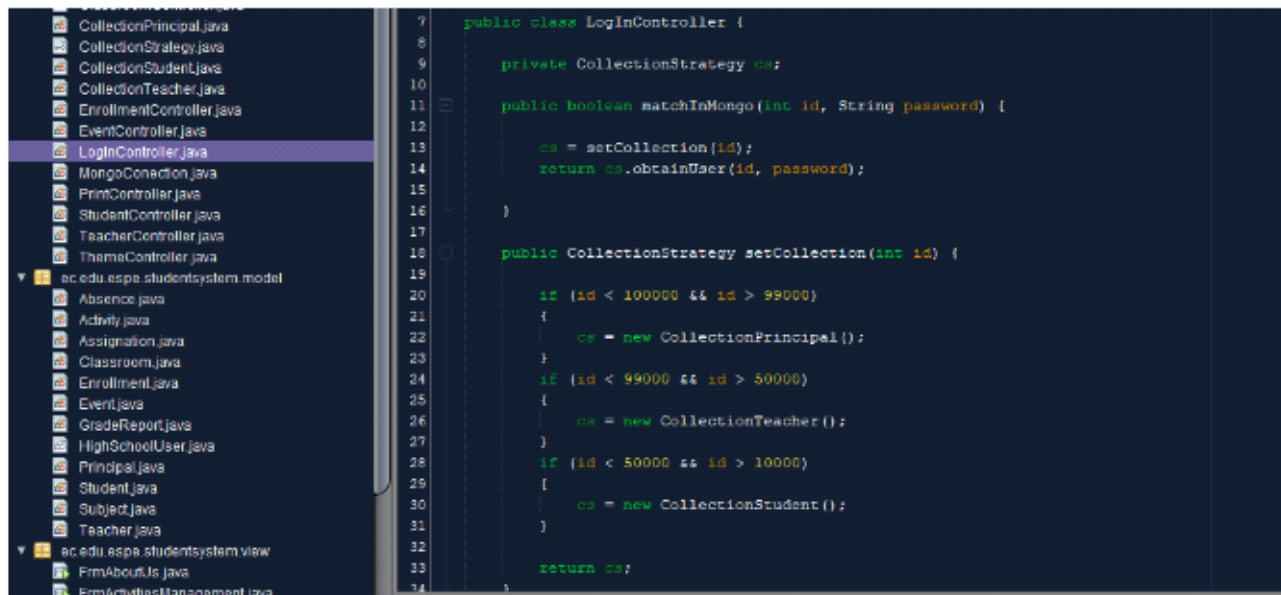set and get Frm Single responsibility -1

(classes and methods not related and methods that do too much)
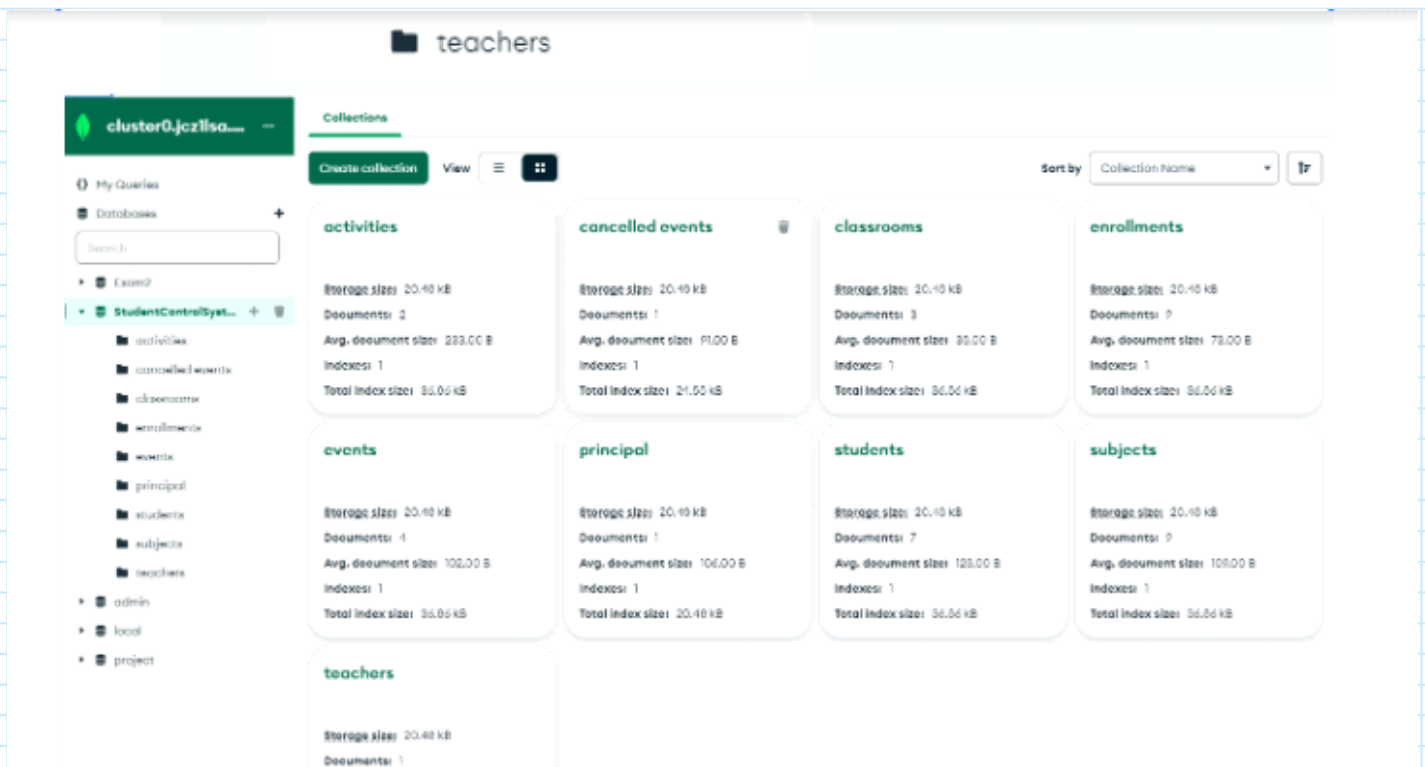View does not have algorithms

GoF Patterns   **10 points per pattern**
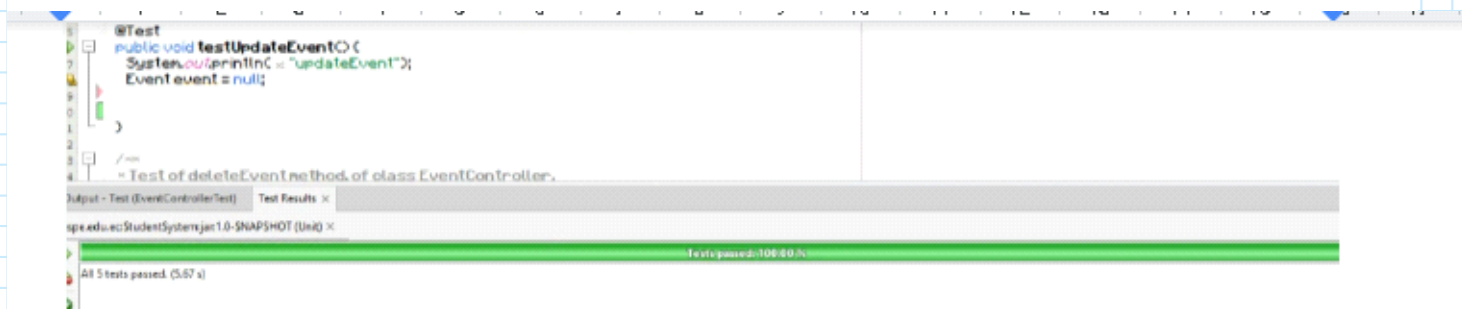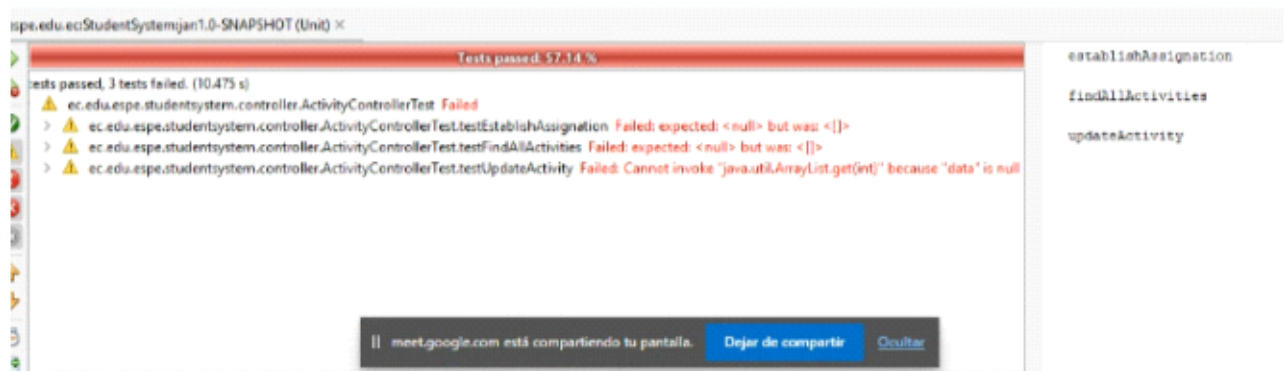Code of Singleton, Code of other pattern

Strategy


```java
public class LogInController {

    private CollectionStrategy cs;

    public boolean matchInMongo(int id, String password) {

        cs = setCollection(id);
        return cs.obtainUser(id, password);

    }

    public CollectionStrategy setCollection(int id) {

        if (id < 100000 && id > 99000)
        {
            cs = new CollectionPrincipal();
        }
        if (id < 99000 && id > 50000)
        {
            cs = new CollectionTeacher();
        }
        if (id < 50000 && id > 10000)
        {
            cs = new CollectionStudent();
        }

        return cs;
    }
}
```
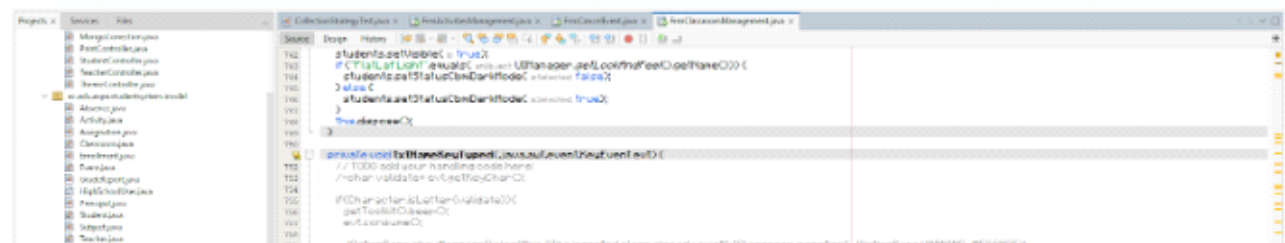
Functionality   at least 10 Collections, and 10 operations
Screenshots

Unit Tests — 100 unit test cases
two counter cases

establishAssignation

findAllActivities

updateActivity

Tests passed: 57.14 %

tests passed, 3 tests failed. (10.475 s)
⚠ ec.edu.espe.studentsystem.controller.ActivityControllerTest Failed
> ⚠ ec.edu.espe.studentsystem.controller.ActivityControllerTest.testEstablishAssignation Failed: expected: <null> but was: <[]>
> ⚠ ec.edu.espe.studentsystem.controller.ActivityControllerTest.testFindAllActivities Failed: expected: <null> but was: <[]>
> ⚠ ec.edu.espe.studentsystem.controller.ActivityControllerTest.testUpdateActivity Failed: Cannot invoke "java.util.ArrayList.get(int)" because 'data' is null

meet.google.com está compartiendo tu pantalla.   Dejar de compartir   Ocultar


```
@Test
public void testUpdateEvent() {
    System.out.println( "updateEvent");
    Event event = null;
}

/**
 * Test of deleteEvent method of class EventController.
```

Output - Test (EventControllerTest)   Test Results ×

spe.edu.ecStudentSystemjar1.0-SNAPSHOT (Unit) ×

Tests passed: 100.00 %

All 5 tests passed. (5.67 s)

Code Quality — Follow Clean Code book and Pitfalls snippets
- Commented code

```java
private void txtName...Typed(...java.aut.event.KeyEvent evt) {
    // TODO add your handling code here:
    //char validate= evt.getKeyChar();

    if(Character.isLetter(validate)){
        getToolkit().beep();
        evt.consume();

        JOptionPane.showMessageDialog(this, "The inserted class already exist", "Classroom insertion", JOptionPane.WARNING_MESSAGE);
    }
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    setFlatLightLafTheme();

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
```

```java
private void mnItmClassroomsActionPerformed(java.aut.event.ActionEvent evt) {
    // TODO add your handling code here!
    //Document teacherId = findTeacher((int)teacher.get("id"));
    FrmClassroomManagement classroomManagement = new FrmClassroomManagement(teacherId);
```

Team 10: ProgressTeam
Project Name: Airport Taxi Scheduling
Github: https://github.com/JoshSy01/T10-ProgressTeam.git
Leader: Justin Villarroel
MongoDB url:
mongodb+srv://lyaranga:tortilla@espe2210-oopsw7996.77wv341.mongodb.net/?retry
Writes=true&w=majority
Inspector: T9 Alex Trejo

38	ULCO VELASCO JEFFERSON MANUEL	7
39	VERDUGO CABRERA WALTHER SEBASTIAN	2
40	VILLARROEL BARRENO JUSTIN JOSHUA	13
41	YARANGA SUQUILLO LEONARDO JAVIER	14

RUBRIC
GitHub   /20
SOLid   19/20   -> single responsibility -1
        -1 The person class did not represent the daughter class well.
GoF Patterns   18/20   -> every design pattern /10 (Singleton 10 and Observer 8)
Functionality   12/20   every collection/1, every functionality/1 (There are only 6 collections)
Unit Tests   18.7/20 failing to pass 4/5 In the ID validation test, it passes even if the number of digits
exceeds 10. , pass to fail 5/5, 100 test cases 9.7/10 Only 97 test cases have been found
Code Quality   -3/-20   every pitfall -1

-1 Some names have a generic name
-1 Some variables are not used
-1 Variables are declared redundantly

Total group 64.7
TOTAL   /100

EVIDENCE
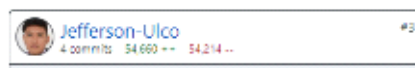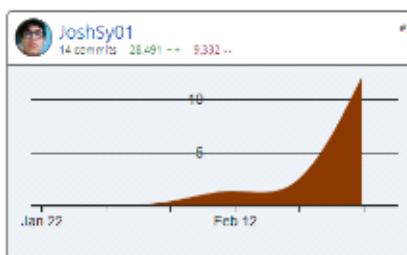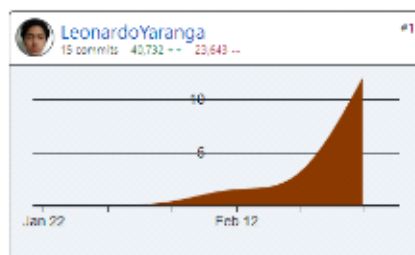GitHub   (January 21 to today)
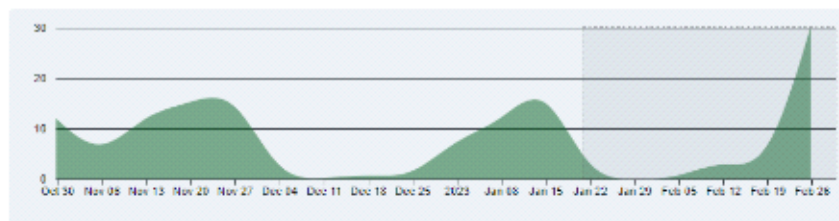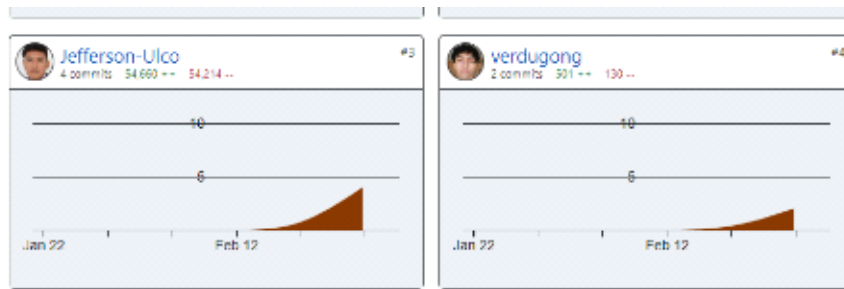
Jan 21, 2023 – Mar 2, 2023   Contributions: Commits ▾

Contributions to main, excluding merge commits and bot accounts

LeonardoYaranga #1
15 commits 40,732 ++ 23,648 --

JoshSy01 #2
14 commits 28,491 ++ 9,332 --

Jefferson-Ulco #3
4 commits 54,660 ++ 54,214 --

verdugong #4
2 commits 301 ++ 130 --

SOLid   Single Responsibility Code