TEAM 01 BETTACODERS   INSPECTOR: TEAM 02 (Mateo Condor)

GitHub: https://github.com/LuisBurbano/SMC-styles-irelia

Project: SMC-styles-irelia

1. Arguello Espinosa Joel Daniel   90%
2. Bedon Guevara Roberto Alexander   80%
3. Burbano Pacheco Luis Ariel   100%
4. Caiza Pullotasig Widinson Danilo   100%
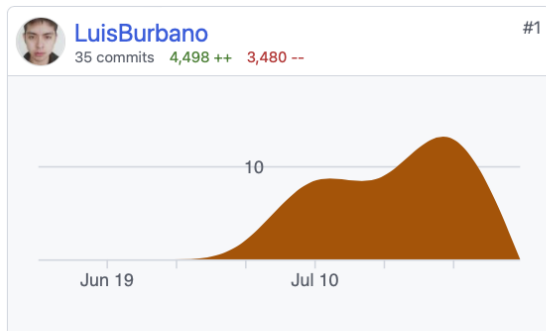
Rubric:

1. Requirements   9/10
2. UML   8.6/10
3. Clean Code   9.4/10
4. DB (Mongo DB Atlas)   9.5/10
5. GUI   8.6/10
6. Tables   5/10
7. Forms   25/30
8. Unit tests   0.8/10

    _____

TOTAL   75.9/100

Proof:

1. Requirements (Features/items)
   -Shifts to customer

-List of services
-Payment
-Show the information tables of suppliers, products, customers
-Register customer
-Validate your login

The requirements that the client needs to improve their
hairdressing service are the following:

1. The system shall assign shifts to customers

2. The system shall give List of services,
prices the most contracted

3. The system shall give the payment for each
stylist.

4. The system shall give Stock of products,
when they expire, the most used, my suppliers

5. The system shall register customers

2.   UML Class Diagram
- Classes   -2
- Attributes   -2/-0.5
- Methods   -2/-0.5
- Relations   -2
- Abstract Classes/Interfaces   2/2
- Abstract methods   2/2
- Polymorphism (overridden methods)   2/2
- Inheritance   2/2
- MVC -> packages model (POJO classes), view(GUI), controller
  (Abstract C./Concrete C./Interfaces)   1.9/2
  o (getters and setters 9(-.01), labels(-0.1), panels(-0.1), no
    dependencies in the view package (0.1)
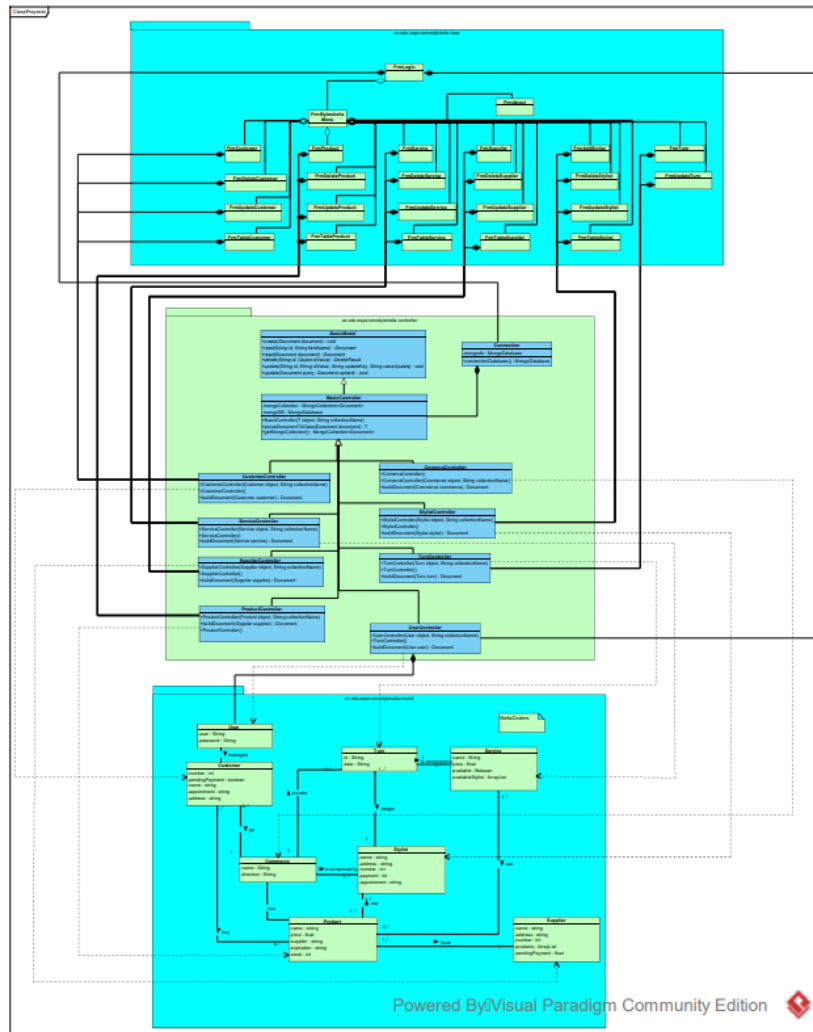
Clean Code
    Pitfalls/Code Smells (0.1)
    frame sin usar -0.1

metodo en el view y no en el controller -0.1
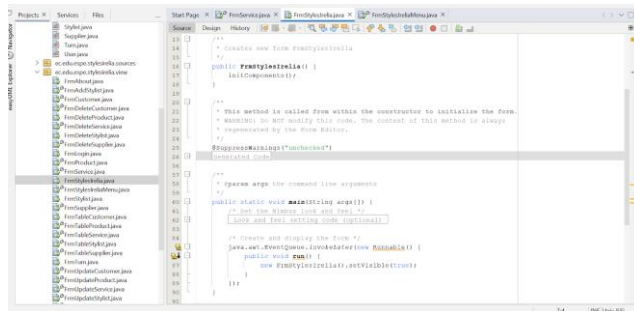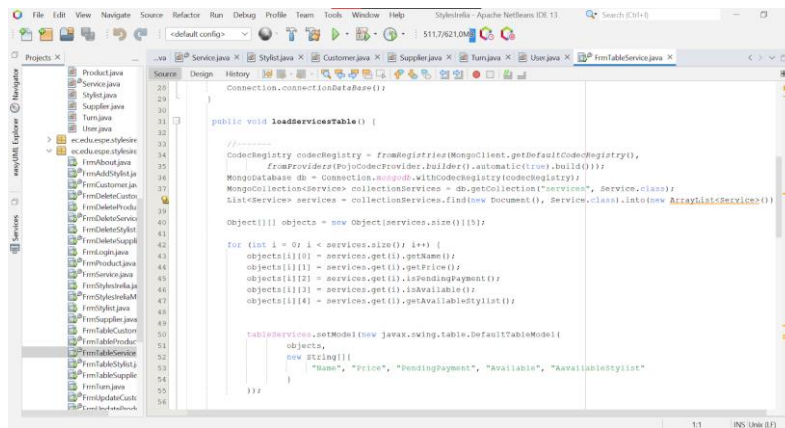
```java
private void textFieldUserActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void passwordFieldActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void txtStockActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void txtPriceActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```


Variable no usada

```java
/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
Generated Code

private void btnAddActionPerformed(java.awt.event.ActionEvent evt) {

    String identificationCard;
    String name;
    int number;
    boolean pendigPayment;          // Variable pendigPayment is not used
    String appointment;
    String address;

    identificationCard = txtId.getText();
    name = txtName.getText();
    number = Integer.parseInt(txtNumber.getText());
    pendigPayment = false;
    appointment = formDate.format(txtDateService.getDate());
    address = txtAddress.getText();

    Customer customer = new Customer(identificationCard, name, number, false, appointment, address);

    customerController.create(customerController.buildDocument(customer));
    Document result = customerController.read(customerController.buildDocument(customer));
    if (result!=null) {
        JOptionPane.showMessageDialog(null, "Successfully created");
    }else{
        JOptionPane.showMessageDialog(null, "A problem has occurred");
```
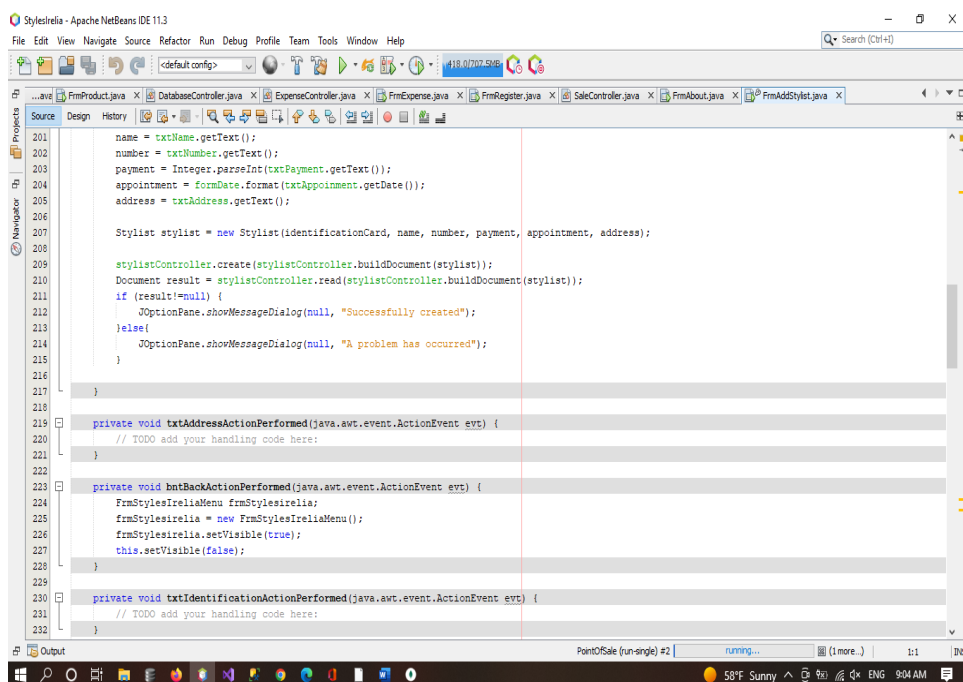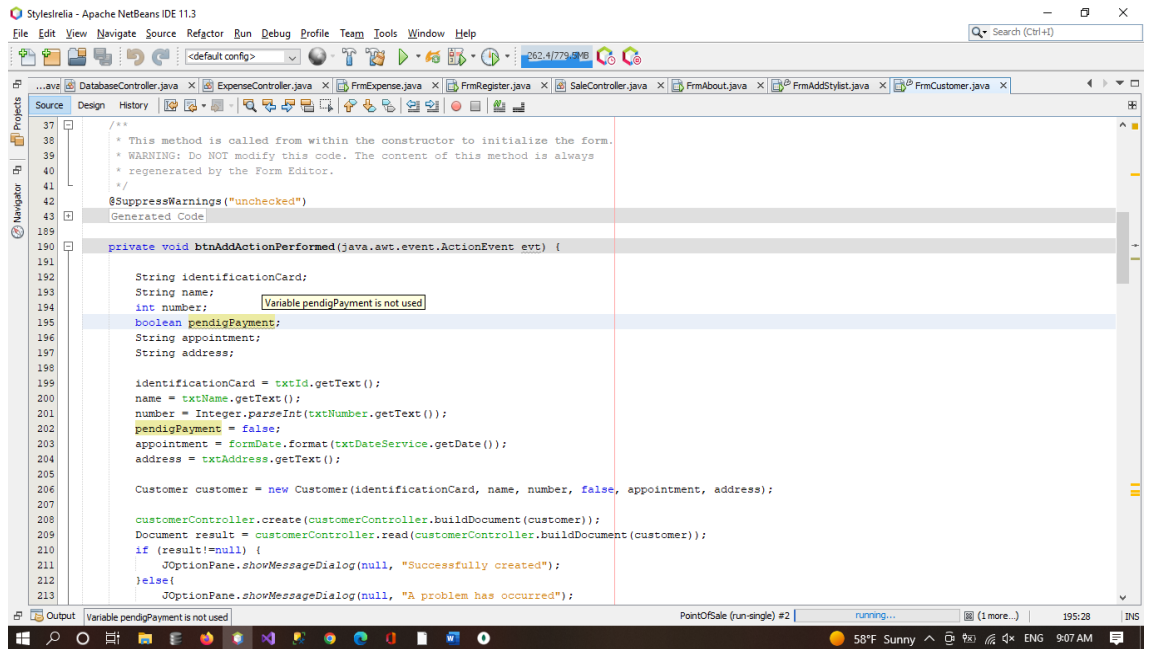
Mala declaración


```java
private void btnSearchActionPerformed(java.awt.event.ActionEvent evt) {
    String identificationCard;
    String name;
    int number;
    boolean pendigPayment;
    String appointment;
    String address;

    identificationCard = txtId.getText();
    name = txtName.getText();
    number = Integer.parseInt(txtNumber.getText());
    pendigPayment = false;
    appointment = formDate.format(txtDateService.getDate());
    address = txtAddress.getText();          // Variable customer is not used

    Customer customer = new Customer(identificationCard, name, number, false, appointment, address);

    customerController.read(identificationCard, "identificationCard");

    txtId.setText(identificationCard);
    txtName.setText(name);

}

private void btnBackToMenuActionPerformed(java.awt.event.ActionEvent evt) {
    FrmStylesIreliaMenu frmStylesirelia;
    frmStylesirelia = new FrmStylesIreliaMenu();
    frmStylesirelia.setVisible(true);
    this.setVisible(false);
}

private void txtNameActionPerformed(java.awt.event.ActionEvent evt) {
```



```java
    Customer customer = new Customer(identificationCard, name, number, false, appointment, address);

    customerController.read(identificationCard, "identificationCard");

    txtId.setText(identificationCard);
    txtName.setText(name);

}

private void btnBackToMenuActionPerformed(java.awt.event.ActionEvent evt) {
    FrmStylesIreliaMenu frmStylesirelia;
    frmStylesirelia = new FrmStylesIreliaMenu();
    frmStylesirelia.setVisible(true);
    this.setVisible(false);
}

private void txtNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void txtIdActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void txtIdKeyTyped(java.awt.event.KeyEvent evt) {
    String value = txtId.getText();
    int legth = value.length(); //saca la longitud del string
    if (evt.getKeyChar() >= '0' && evt.getKeyChar() <= '9') {
        txtId.setEditable(true);
        if (legth >= 10) {

            JOptionPane.showMessageDialog(this, "Id must have 10 digits", "Warning", JOptionPane.WARNING_MESSAGE);
```
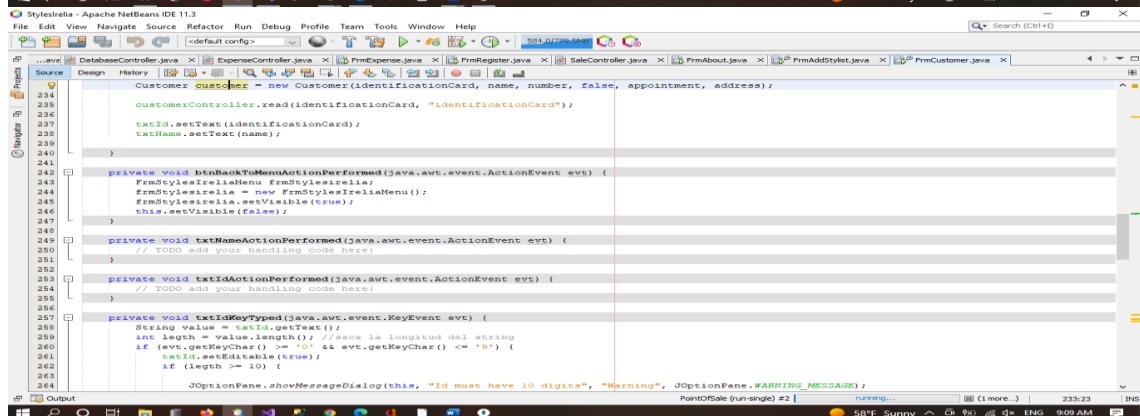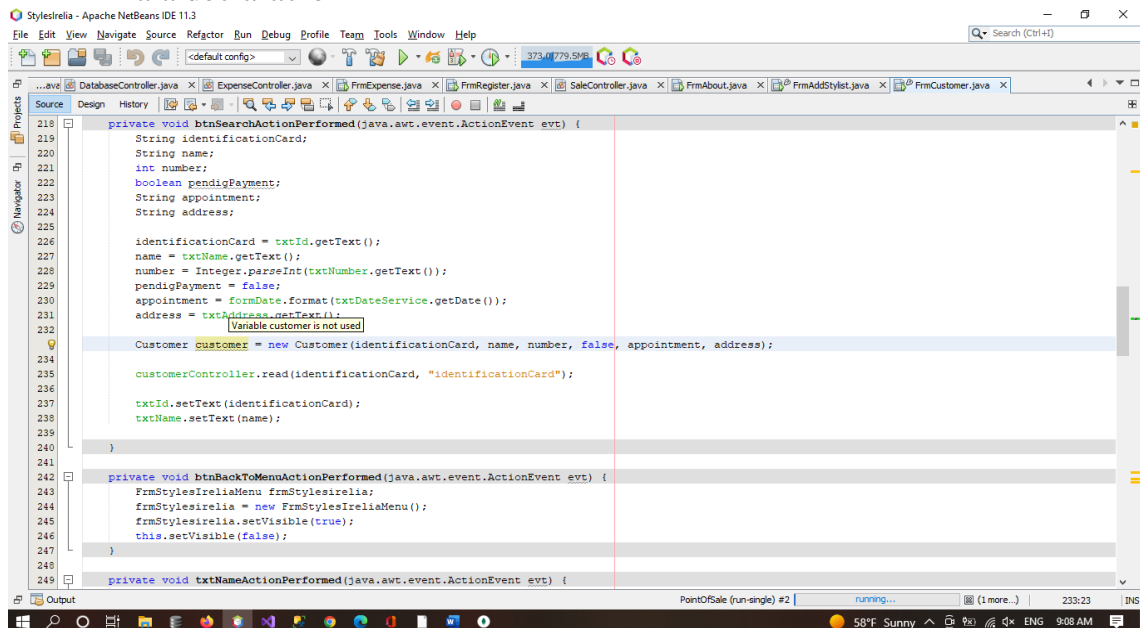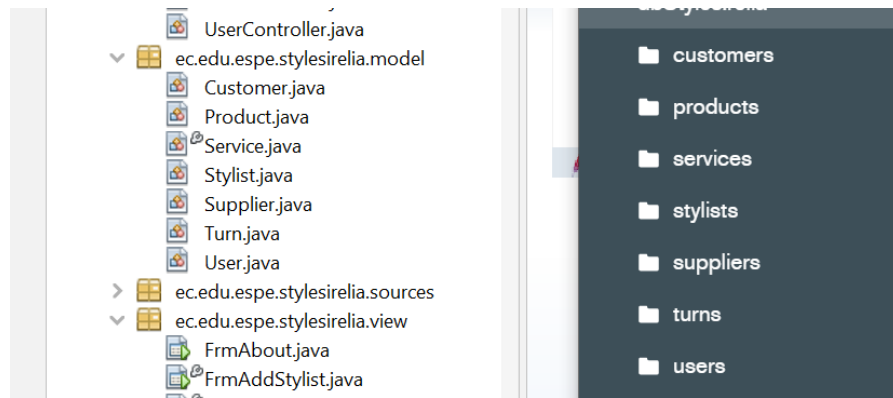
Comentarios

DB (MOngoDb Atlas)

Database Name	-0.5
Collections vs Model classes	-0.5
attributes (collections) vs attributes (classes)	-0.5

GUI

Splash Window

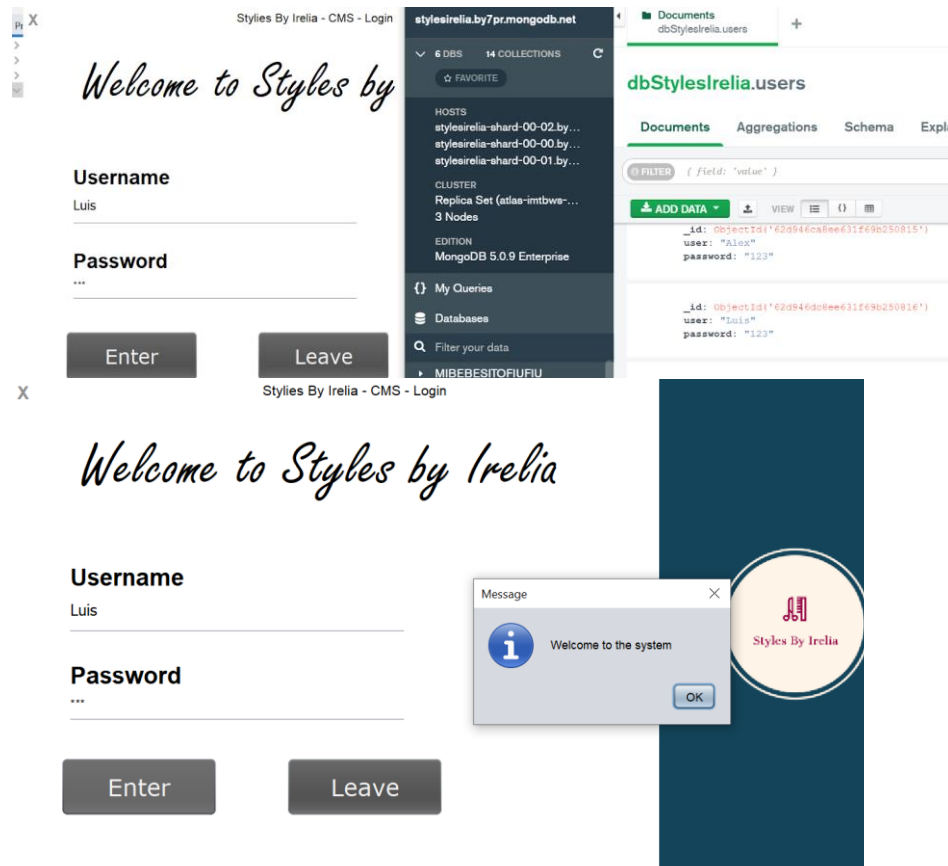|			
Authentication	2/2	(it should work)	
Application (Menu)	1.6/2	(requirements)	(-0.2)
Forms	5/6	(requirements)	Navigability -0.2

Menú Help no hace nada

Tables:

data come from DB   5/5

print data to printer   0/5

Forms

at least, there must be 6 different forms, every form is worth 5 points

- Login Form
- 5 Forms for Information (CRUD operations, 4 business rules)
  Every form
  - Every input (JTextField) is validated
  - There are different types of inputs (not everything is a JTextFields) -1 for each JTextField
  - Buttons' events, no code is here for CRUD operations or business rules, i.e., these functions will call some controller method, and will use some model class.

  every mistake: -1
  less than 5 forms -> /50%

8. Unit Test 0.8/10

At least 100 unit tests.

- review that de unit test are no empty
- there must be at least one unit test that is failing.
- If all unit tests are OK, then it is half the grade. It means that the tests are not good enough
- every unit test is worth 0.1

```
        FrmTableCustomer.java       123        @Test
        FrmTableProduct.java        124    public void testRead_Document() {
        FrmTableService.java        125        System.out.println("read");
        FrmTableStylist.java        126        Connection.connectionDataBase();
        FrmTableSupplier.java       127        StylistController stylistController = new StylistController();
        FrmTurn.java                128        Document document = new Document();
        FrmUpdateCustomer.java      129        document.append("_id", new ObjectId("62da0cca5d5a16610efa0234"))
        FrmUpdateProduct.java       130            .append("identificationCard", "1755231683").append("name", "Hero")
        FrmUpdateService.java       131            .append("number", "12")
        FrmUpdateStylist.java       132            .append("payment", 12.0)
        FrmUpdateSupplier.java      133            .append("appointment", "13-07-2022")
        banner.png                  134            .append("address", "asd");
        menu_bg.png                 135
```

Test Results   ×

StylesIrelia ×

Tests passed: 75,00 %

6 tests passed, 2 tests failed. (8,301 s)

ec.edu.espe.stylesirelia.controller.BasicCont
    testRead_Document Failed: expected:<[
    testRead_String_String Failed: expected:

```
create
delete
read
jul. 28, 2022 8:26:31 A. M. com.mongodb.diagnostics.logging.JULLogger log
INFO: Cluster created with settings {hosts=[127.0.0.1:27017], srvHost=stylesirelia.by7pr.mongodb.net, mode=MULTIPLE, requiredClusterType=RE
jul. 28, 2022 8:26:31 A. M. com.mongodb.diagnostics.logging.JULLogger log
INFO: Cluster description not yet available. Waiting for 30000 ms before timing out
```