TEAM 4.- MEDICAL SERVICES
1.Galarza Andres
2. Jaramillo jean
3. Titoaña Leslie
4. Villavicencio Alina
5. Yánez Erick

Report

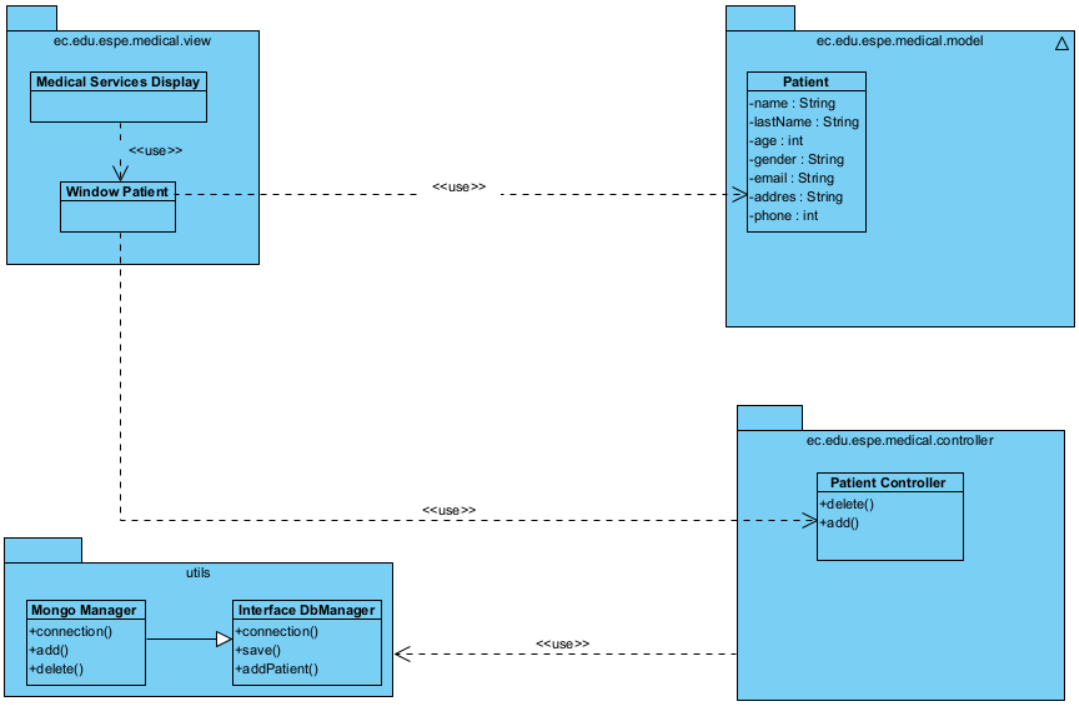
Team Organization

Galarza Andres	**Code,database**
Jaramillo jean	**Class Diagram,code**
Titoaña Leslie	**Class Diagram,code**
Villavicencio Alina	**Class Diagram, database**
Yánez Erick	**Code,database**

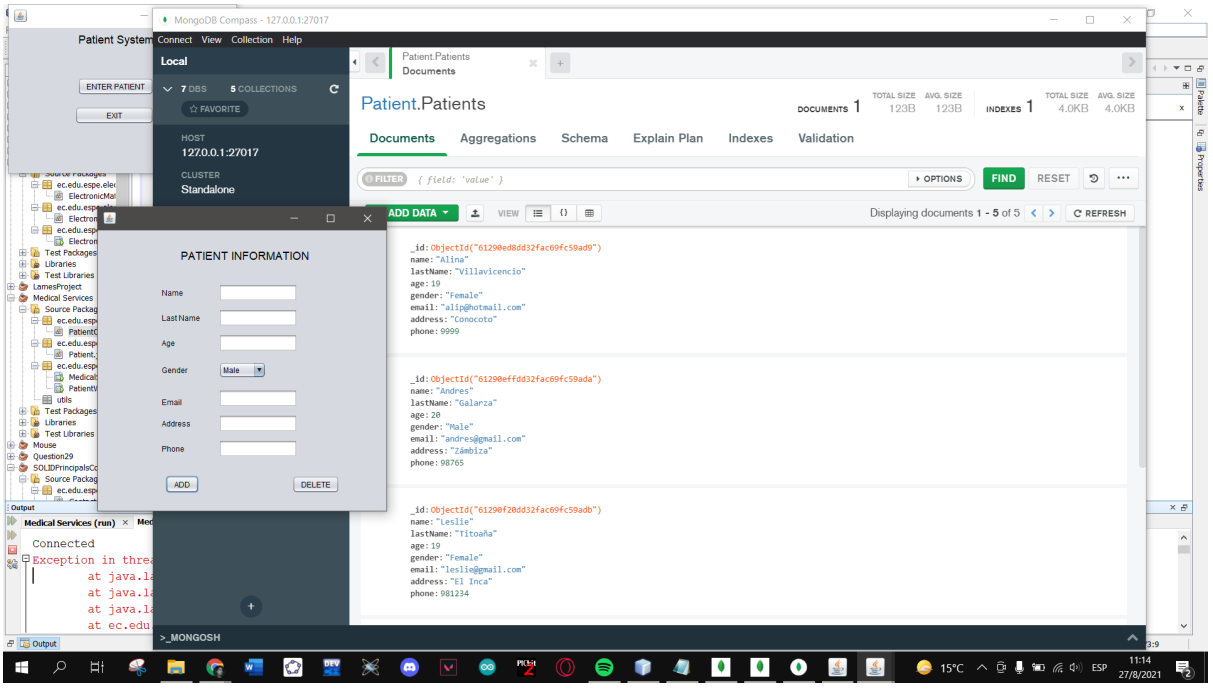
Problem Solution

This hospital application project will help us organize all patients in a more orderly way, since when someone goes to register in the application, they will ask for their personal data such a: name, last name, age, gender, email, address, phone, and all this data will be saved in our Patient database.
And if we already need to remove the patient from our database, we only need to press the delete button, which will ask us to enter the patient's name to be identified and eliminated.

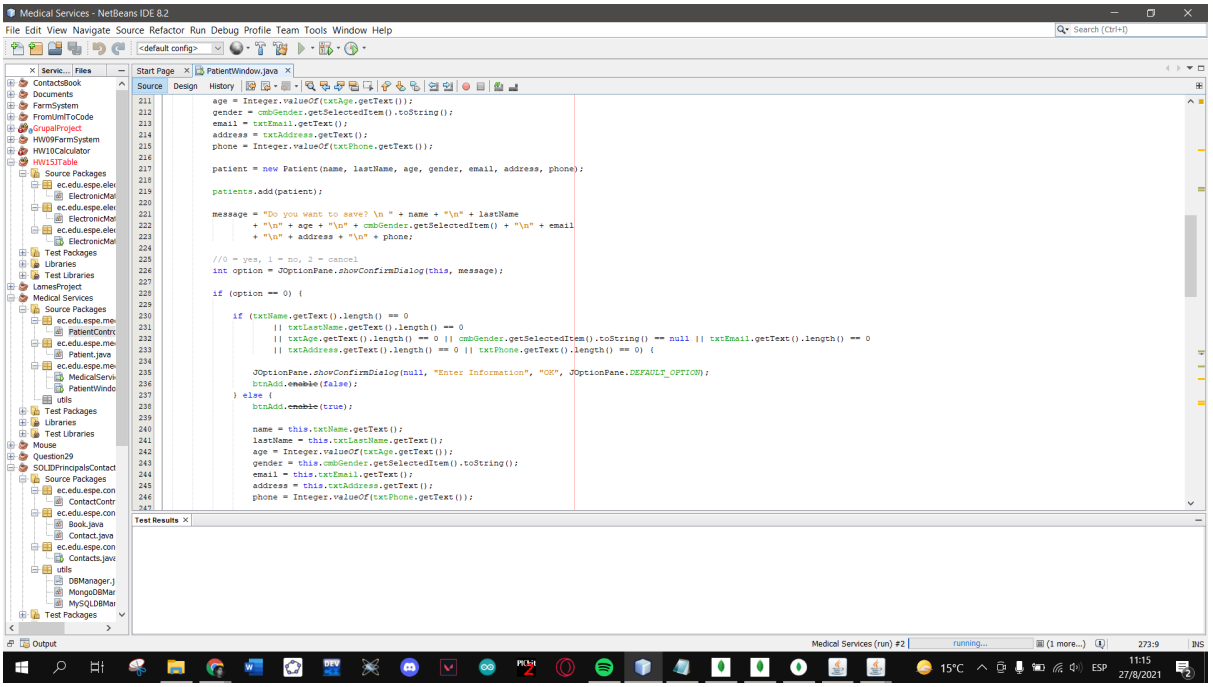
CLASS DIAGRAM



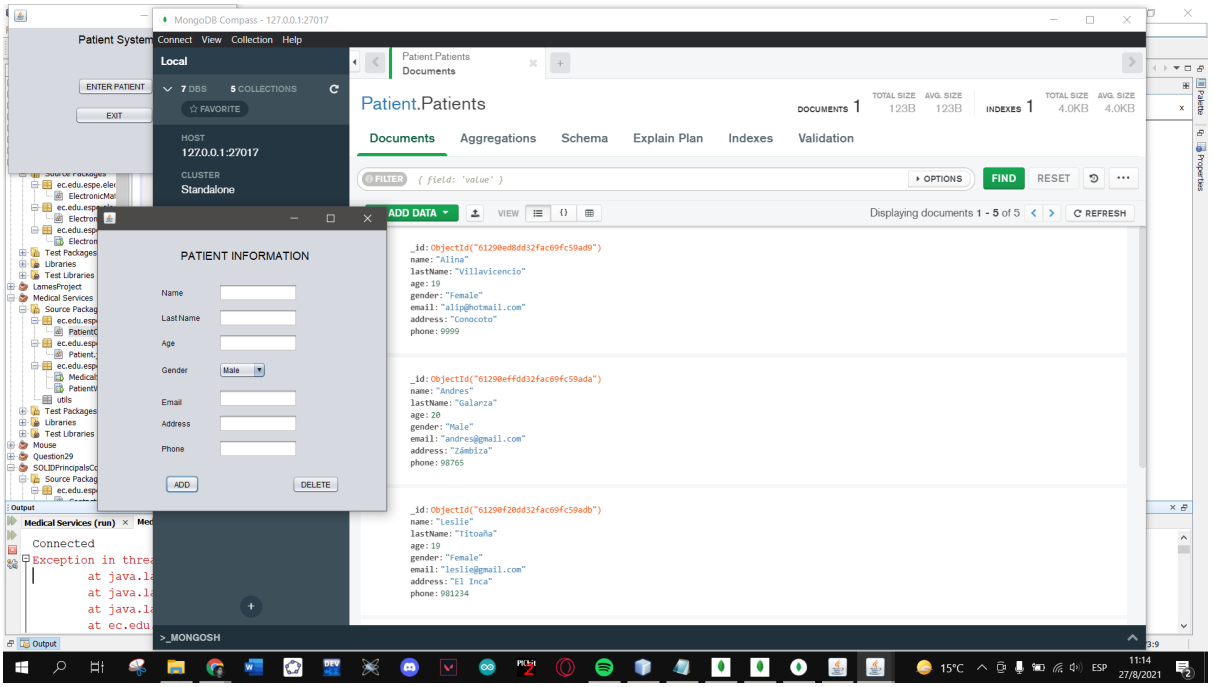
-Database (json)



-Code


Medical Services - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Start Page
PatientWindow.java
Source Design History
age = Integer.valueOf(txtAge.getText());
gender = cmbGender.getSelectedItem().toString();
email = txtEmail.getText();
address = txtAddress.getText();
phone = Integer.valueOf(txtPhone.getText());
patient = new Patient(name, lastName, age, gender, email, address, phone);
patients.add(patient);
message = "Do you want to save? \n " + name + "\n" + lastName
+ "\n" + age + "\n" + cmbGender.getSelectedItem() + "\n" + email
+ "\n" + address + "\n" + phone;
//0 = yes, 1 = no, 2 = cancel
int option = JOptionPane.showConfirmDialog(this, message);
if (option == 0) {
if (txtName.getText().length() == 0
|| txtLastName.getText().length() == 0
|| txtAge.getText().length() == 0 || cmbGender.getSelectedItem().toString() == null || txtEmail.getText().length() == 0
|| txtAddress.getText().length() == 0 || txtPhone.getText().length() == 0) {
JOptionPane.showConfirmDialog(null, "Enter Information", "OK", JOptionPane.DEFAULT_OPTION);
btnAdd.enable(false);
} else {
btnAdd.enable(true);
name = this.txtName.getText();
lastName = this.txtLastName.getText();
age = Integer.valueOf(txtAge.getText());
gender = this.cmbGender.getSelectedItem().toString();
email = this.txtEmail.getText();
address = this.txtAddress.getText();
phone = Integer.valueOf(txtPhone.getText());
Test Results
Medical Services (run) #2 running...
15°C
ESP
11:15
27/8/2021

-Execution


Patient System
ENTER PATIENT
EXIT
MongoDB Compass - 127.0.0.1:27017
Connect View Collection Help
Local
7 DBS 5 COLLECTIONS
FAVORITE
HOST
127.0.0.1:27017
CLUSTER
Standalone
Patient.Patients
Documents
Patient.Patients
DOCUMENTS 1 TOTAL SIZE 123B AVG. SIZE 123B
INDEXES 1 TOTAL SIZE 4.0KB AVG. SIZE 4.0KB
Documents Aggregations Schema Explain Plan Indexes Validation
FILTER { field: 'value' }
OPTIONS FIND RESET
ADD DATA VIEW
Displaying documents 1 - 5 of 5 REFRESH
_id: ObjectId("61290ed8dd32fac69fc59ad9")
name: "Alina"
lastName: "Villavicencio"
age: 19
gender: "Female"
email: "alip@hotmail.com"
address: "Conocoto"
phone: 9999
_id: ObjectId("61290effdd32fac69fc59ada")
name: "Andres"
lastName: "Galarza"
age: 20
gender: "Male"
email: "andres@gmail.com"
address: "Zámbiza"
phone: 98765
_id: ObjectId("61290f20dd32fac69fc59adb")
name: "Leslie"
lastName: "Tituaña"
age: 19
gender: "Female"
email: "leslie@gmail.com"
address: "El Inca"
phone: 981234
>_MONGOSH
PATIENT INFORMATION
Name
Last Name
Age
Gender
Male
Email
Address
Phone
ADD
DELETE
Medical Services (run)
Connected
Exception in thre
at java.la
at java.la
at java.la
at ec.edu
15°C
ESP
11:14
27/8/2021