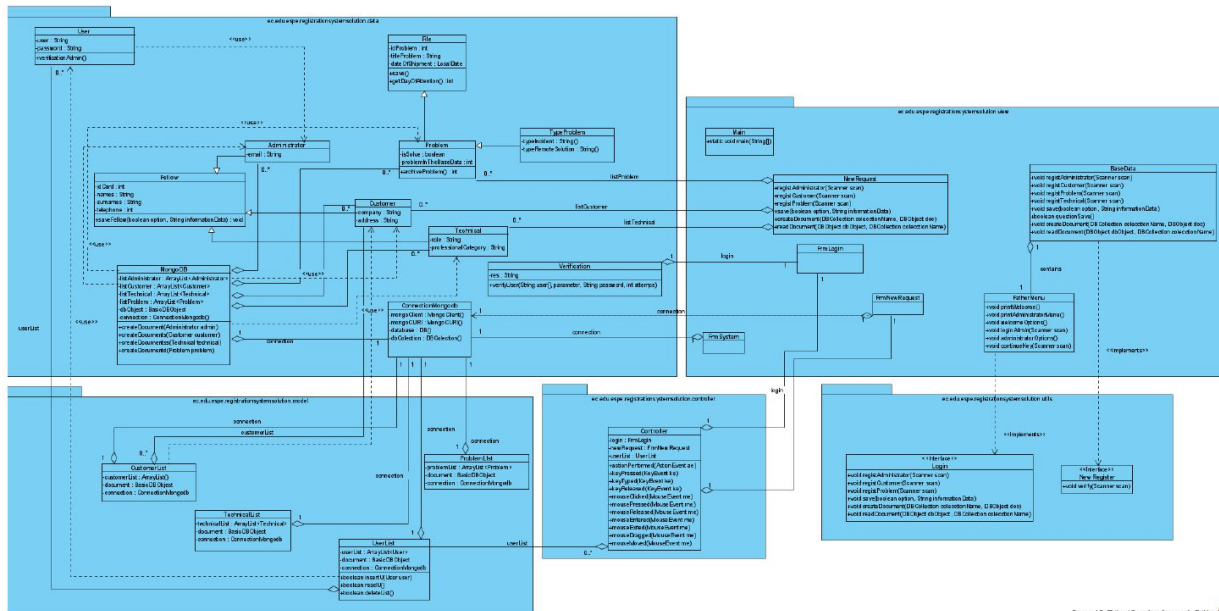


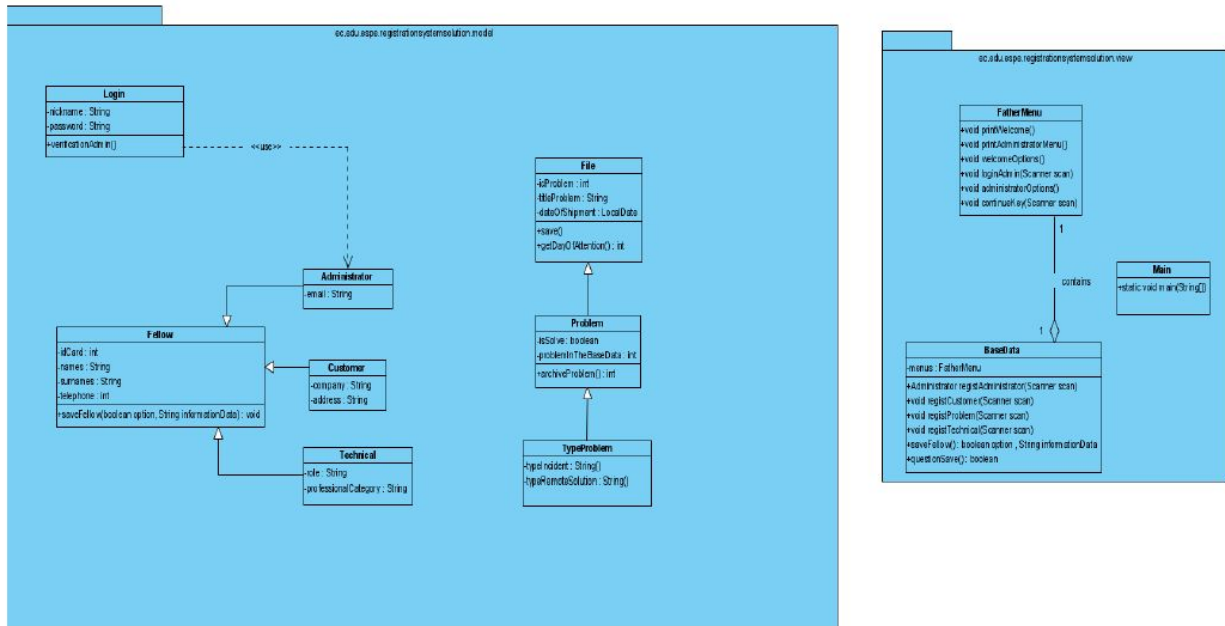
Project Revision of Team 6 by Team 5

Class diagram	5
Use case diagram	5
MVC pattern applied	
a. Packages (controller) and libraries/utils	5
b. Clean GUI (no logic in this layer)	5
c. Model (only POJO files)	5
Inheritance	5
Abstraction (abstract classes or interfaces)	5
Polymorphism	5
MongoDB	5
Unit tests (at least 100 cases)	5
GUI:	
a. login screen	10
b. main menu	10
c. forms	10
d. use of tables (printing)	10
e. Functionality	10
TOTAL	76.9
GITHUB	100
GRADE (TOTAL+GITHUB)/2	100

Class diagram	3.7/5
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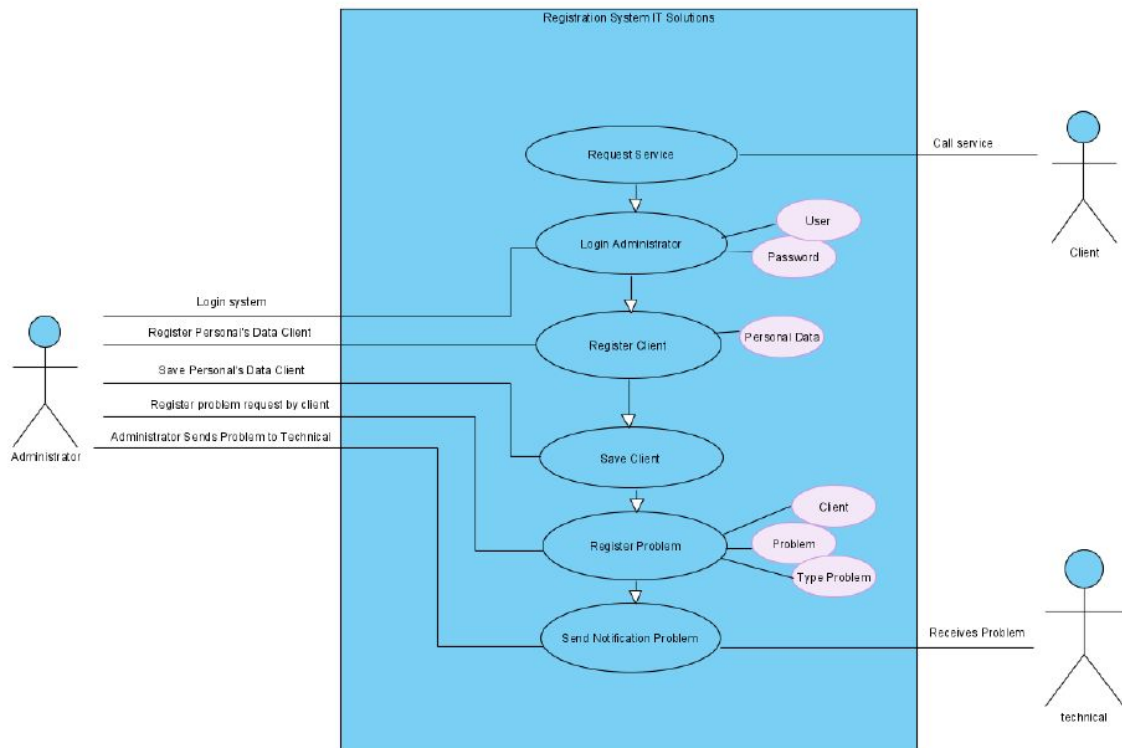


Class Diagram with Inheritance



- There are two Diagram Class Files -0.3 Edison Toapanta
- The names of the TypeProblem class inherit from the Problem classes and this inherits from File, they are very uncommunicative names to belong to an inheritance class (-0.2).Luis Tavaris
- Multiplicity missing in NewRequest class -0.2 Jhonatan Tituaña
- Multiplicity missing in MongoDB class -0.2 Jhonatan Tituaña
- The ProblemList and TechnicalList class of the diagram does not comply with what is in the implementation code -0.2 Luis Tavaris
- Package model and data names do not belong to assigned classes -0.2.Luis Tavaris

USE CASE DIAGRAM



- The use case diagrams can be read without problems most, however there are relationships that do not. -1 Jhonatan Tituaña

MVC pattern applied	
Packages (controller) and libraries/utils	3.3/5

- the login and NewRegister classes in the utils package do not match the class diagram -0.2.Luis Tavaris
- the MongoDB class and connection Mongoddb class that is in the model package, should be in a Utils package or a controller package -0.3.Luis Tavaris
- the BaseData class that is in the view package, should be in a Utils package or a controller package or in the data package -0.2.Luis Tavaris
- In the fathermenu class, in the view package, it would be necessary to implement more methods the cases could go within a method. - 0.2 Samantha Tipanguano.
- Duplicate method, from the main system frame the code of the show request button was duplicated to the controller class in the controler package. -0.1 Samantha Tipanguano.
- Large classes, the basedata class and father menu are the ones that carry the most code. conditional complexity, in the controller class of the controller package, it can be improved. -0.2 Samantha Tipanguano
- Redundant code, in the data package. -0.2 Samantha Tipanguano.

- Poor location of design decisions in the project.

-0.3 Samantha Tipanguano

Clean GUI (no logic in this layer)	4/5
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- Only one menu of all on the FrmMainSystem screen works.
- Not all buttons on the FrmNewRequest screen are functional.

-0.5 Edison Toapanta

-0.5 Edison Toapanta

Model (only POJO files)	5/5
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All classes that should have setters, getters, attributes, and constructors, do. Jhonatan Tituaña

Inheritance	4.75
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- the model package manager class does not inherit from the fellow class. In the class diagram these do use inheritance

(-0.3). Luis Tavaris

Abstraction (abstract classes or interfaces)	4.7/5
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- When an abstract class is used, it is not possible to make instances, however there is not a proper use of abstractions in the parent classes. (Fellow Class)

-0.3 Edison Toapanta

Polymorphism	2/5
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- in the database class the overraid is not done (-1,5 Luis Tavaris)
- inheritance classes do not polymorph their child classes (-1,5 Luis Tavaris)

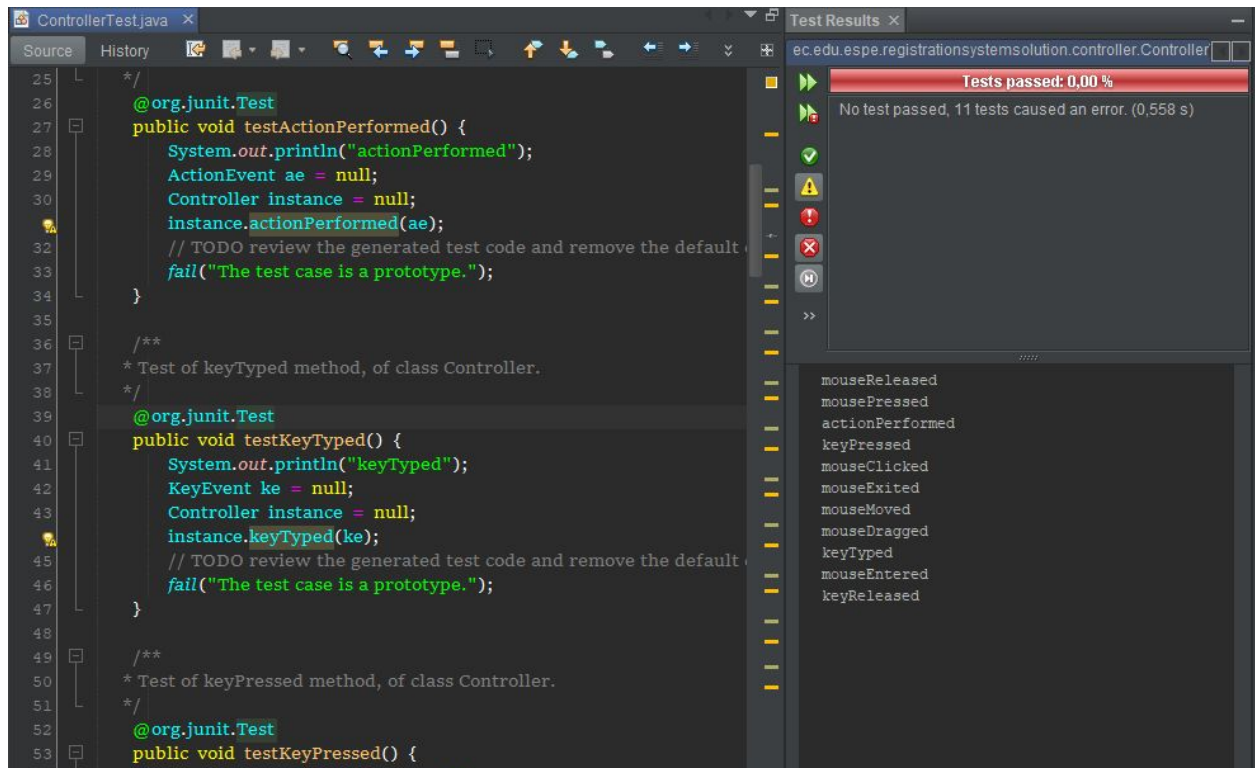
MongoDB	3.3/5
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Speculative generality, the mongoDB class, in the model package, has been thought in the near future but not in the now.

-0.2 Samantha Tipanguano

There is no option that allows us to read the data stored in the database. -1.5 Jhonatan Tituaña

Unit tests (at least 100 cases)	2,2/5
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- there are 105 unit tests in total of which none pass the test (-2,7 Tavaris Luis)

GUI:	
login screen	6/10

The login secret interface is implemented and well designed, however it does not validate anything
-4 Jhonata Tituaña

main menu	6/10
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All the options are set but only the new request is implemented -4 Jhonatan Tituaña

forms	10/10
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The forms are well implemented. Jhonatan Tituaña

use of tables (printing)	10/10
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It implements a good impression in the tables with information put in the registry Jhonatan Tituaña

Functionality	8/10
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- There are options and buttons which give an error in the execution -2 Jhonatan Tituaña