Web Application Development

Team 4

MEMBERS:

- Pardo Rómulo
- Pila Nataly
- Pilligua Washington
- Romero Cristhian

Theme:

Client - Server Web Development

Tutor:

PhD. JORGE EDISON LASCANO Mgs

Activity 1

ESPE
UNIVERSIDAD DE LAS FUERZAS ARMADAS
ECUADOR 1922
INNOVACIÓN PARA LA EXCELENCIA
100 años

ACTIVITY #1

Our team is Team 4 and is called "Tech Solutions" which is a recursive acronym that stands for "Tech Store is Our Team", like YAML or GNU. Our team consists of:
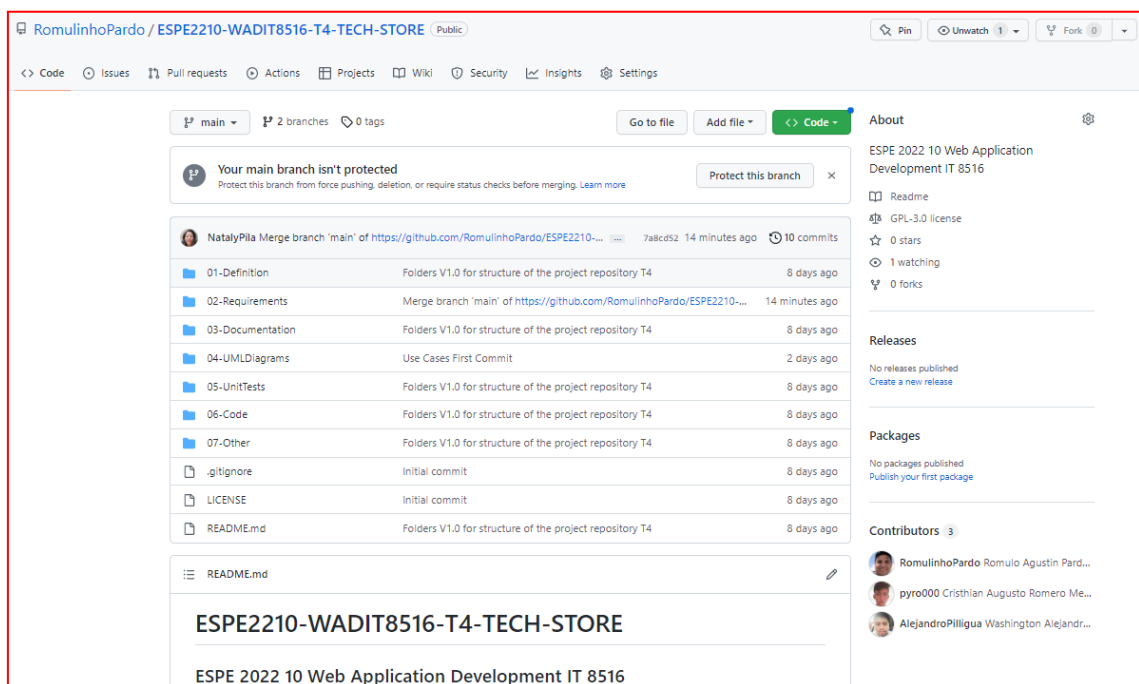
- Pardo Salazar Romulo Agustin

- Pila Iza Narcisa Nataly

- Pilligua Chiliguano Washington Alejandro

- Romero Mesias Cristhian Augusto

We'll explain our work related to each if the items considered in the Rubric

1. **GitHub Repository**

Our Project can be accessed here:

https://github.com/RomulinhoPardo/ESPE2210-WADIT8516-T4-TECH-STORE.git

We followed the structure of files which allowed us to develop the software from Definition until Deployment in the Cloud.

2. **Idea (interview) and list of features (product Backlog)**

The interview is a very useful tool to know the needs of the client.

List of features.

- User authentication.

- Manage users.

- Manage products.

- Customer management

Interview with the owner of the Tech Store business

Online interview with the owner of Tech Store

https://www.youtube.com/watch?v=1-yV6cv0JmQ

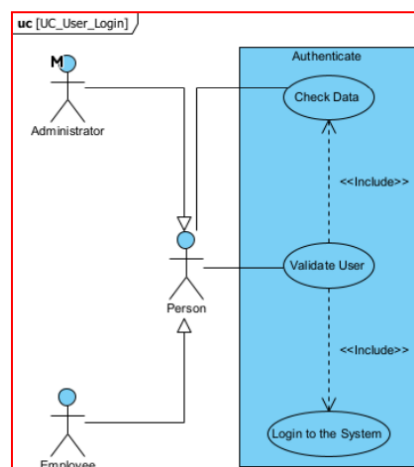**Being an online interview, we do not have photos of the business, but we do have your logo.**
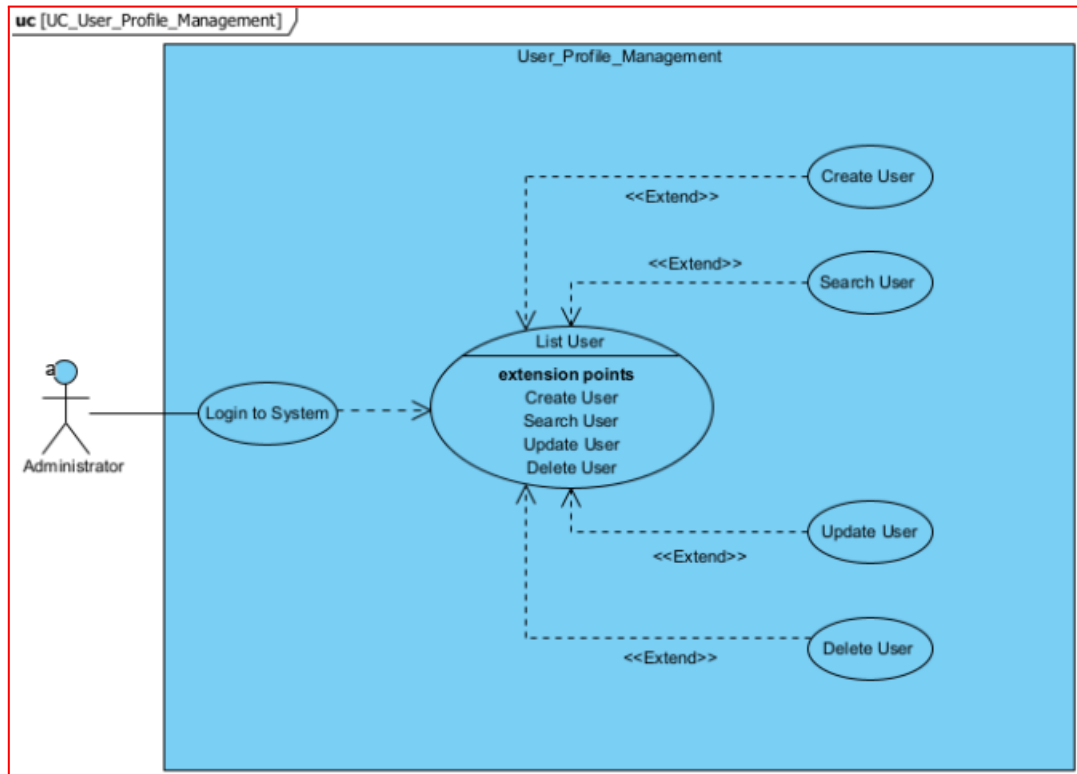

3. **Diagrams (Classes, Use Cases, Architecture)**

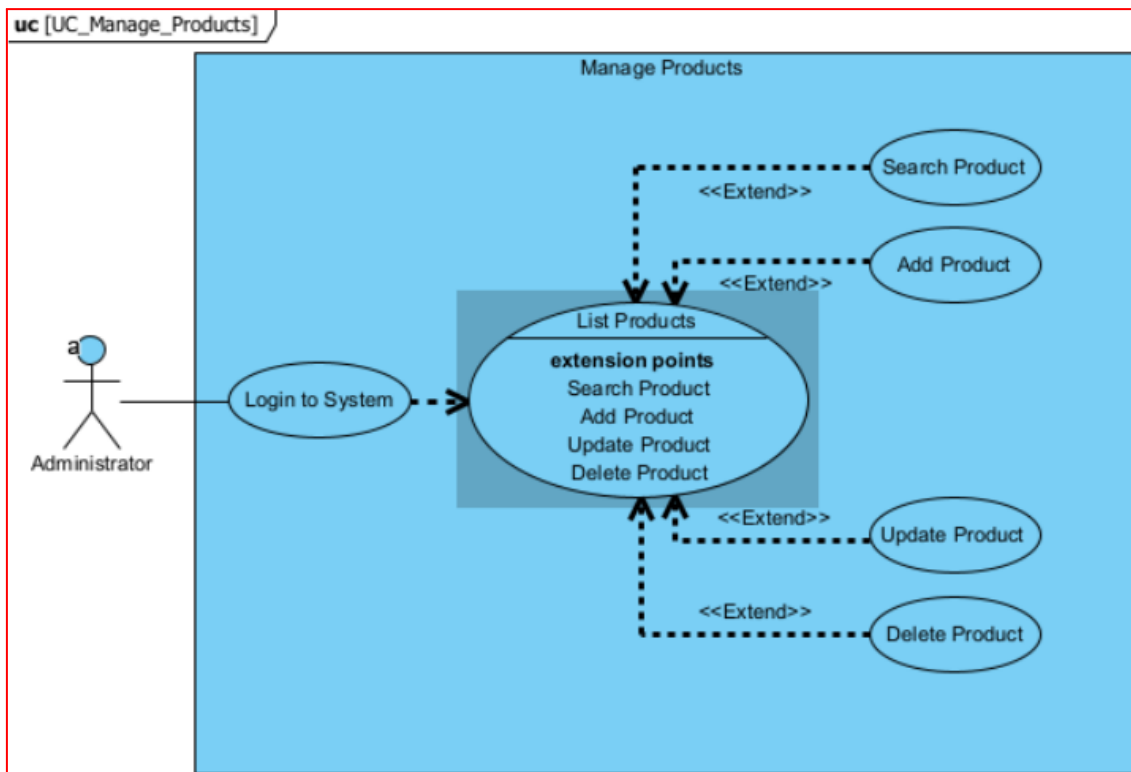Through use cases we can describe the steps or activities to be carried out in each process. Use
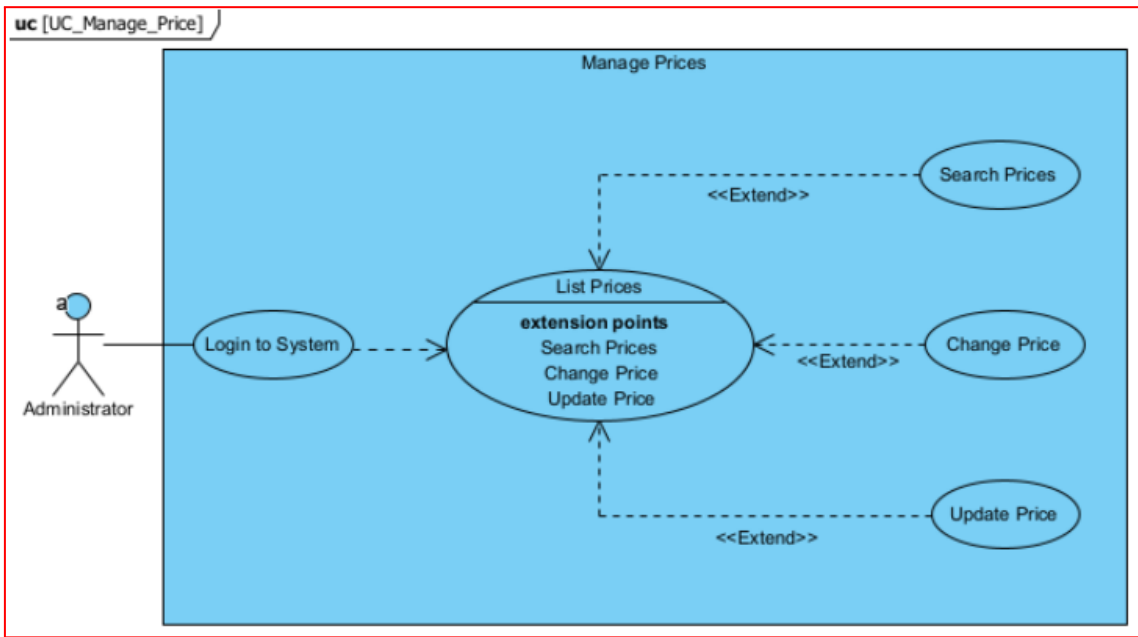
- **Cases Diagram**

User Login

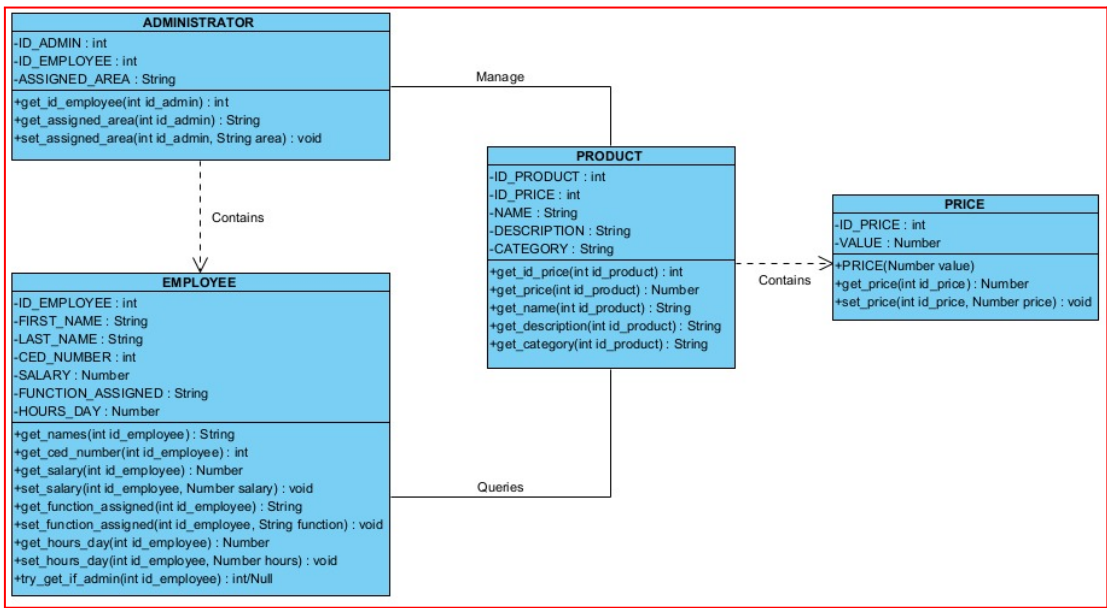## User profile management

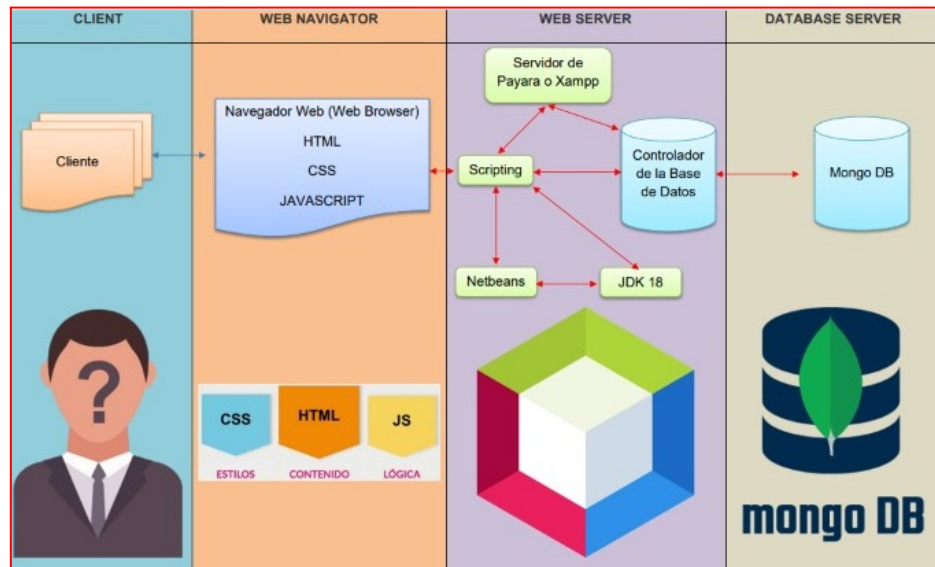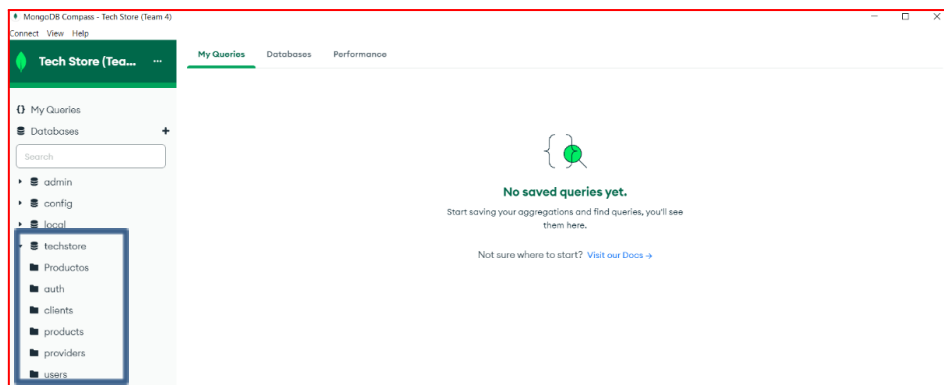## Manage products

Manage price

- **Class Diagram**

The classes that make up the Web Application are described below, as well as its methods and attributes.

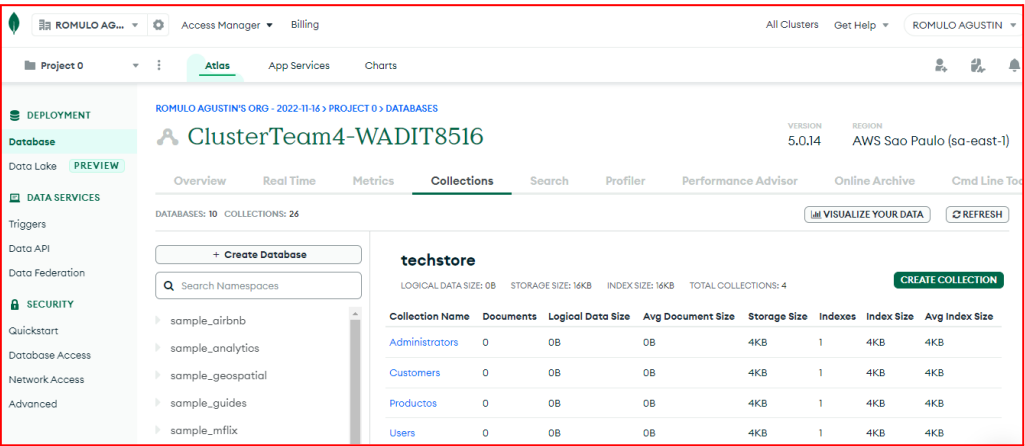● **And this is the general Architecture we followed:**

4. **MongoDB Atlas Database (in the cloud) We created the Mongo Database using Atlas. It has 4 Collections for the 4 Classes or web app uses.**

**mongodb+srv://Team4:<Team4>@clusterteam4-wadit8516.o0rg1oy.mongodb.net/
techstore?retryWrites=true&w=majority**

5. Design of the client and at least four business rules

For the structure of the views of the Web Application, a sketch was made of each one on Figma.
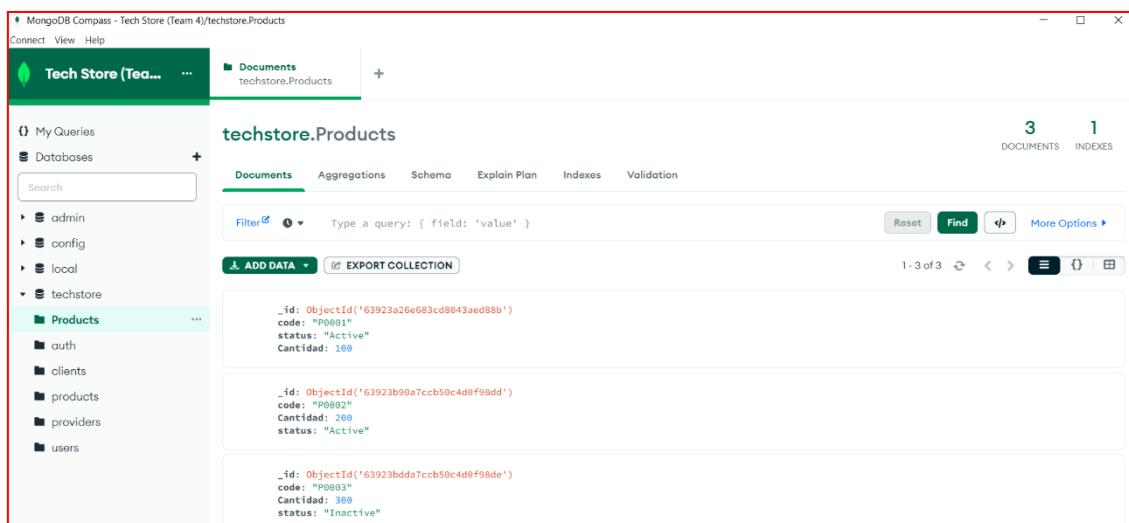
Business rules

- User registration.
- Product registration.
- Price registration.
- Administrator registration

6. Execution of the application in the cloud or hosting.

http://unixteam.tk:8080/TECHSTORE/index.jsp

Link Video: https://www.youtube.com/watch?v=1-yV6cv0JmQ