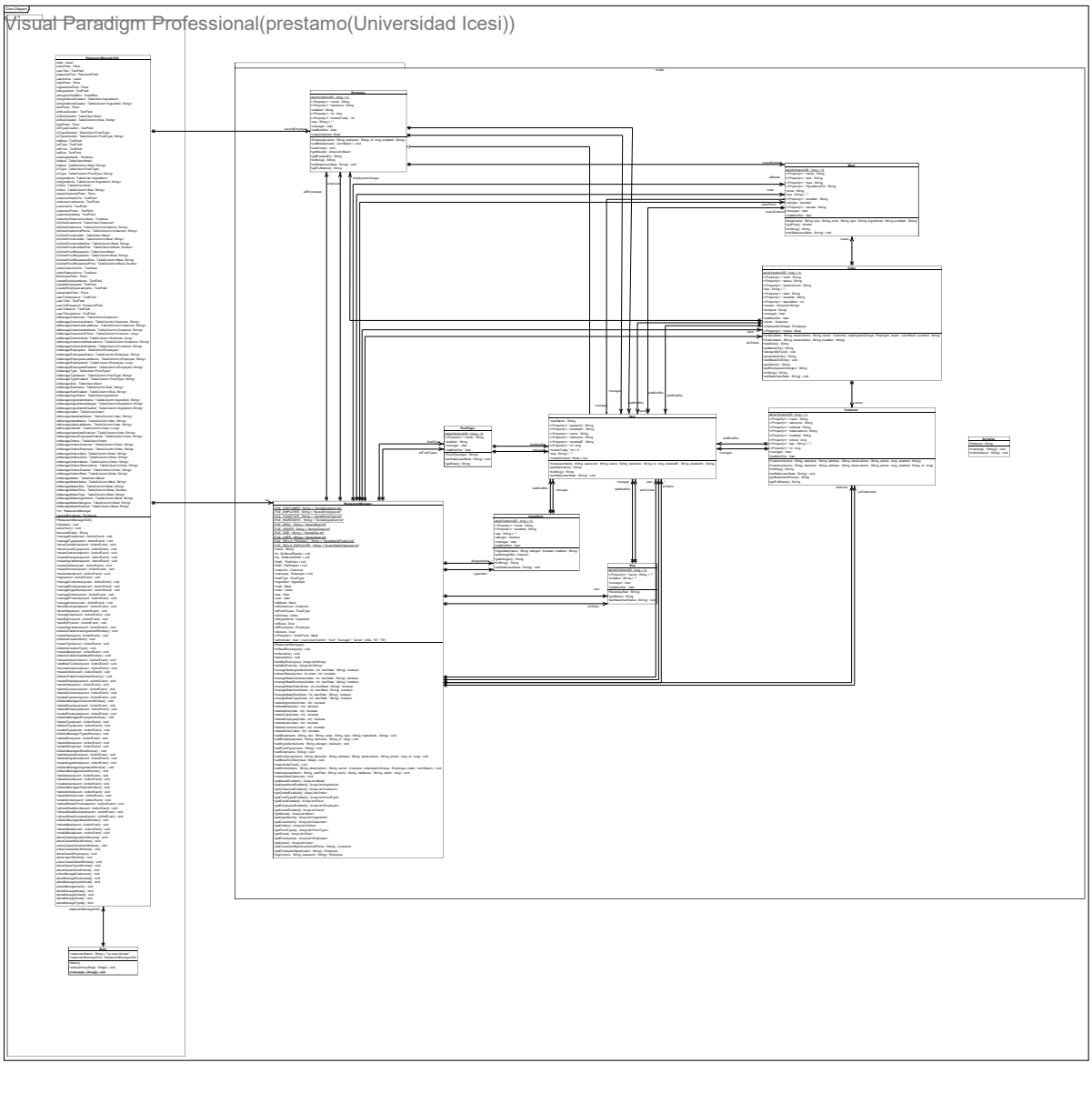
Visual Paradigm Professional(prestamo(Universidad Icesi))

RF 1.1 The system must be able to add a user to the database. Taking your username, password, real name, surname, and unique identification. The user should avoid entering repeated identifications to ensure the correct operation of the program. Users will be associated with a particular employee.

RF 1.2 The system must be able to update the information of the existing users, receiving the index of these in the user arrangement. The user to update must have already been created previously and be enabled.

RF 1.3 The system must be able to eliminate a user by choosing it from a table with all registered users.

RF 1.4 The system must be able to enable and disable users by choosing them from a table with all registered users. Disabled users will not be able to use the program.

RF 2.1 The system must be able to create employees with names, surnames, and identification. The identification must be unique to guarantee the correct operation of the program.

RF 2.2 The system must be able to remove an employee from the list of registered employees.

RF 2.3 The system must be able to enable / disable an employee.

RF 3.1 The system must be able to create a client with names, surnames, unique telephone number, address, observations, and optionally, a unique identification.

RF 3.2 The system must be able to eliminate a customer by choosing it from a table with all registered customers.

RF 3.3 The system must be able to enable / disable a client. Disabled customers cannot assign orders.

RF 4.1 The system must be able to create products with their respective name, price in numbers, and ingredients that can be 0 or more. Serializing the products created.

RF 4.2 The system must be able to eliminate products by choosing them from a table with all registered products.

RF 4.3 The system must be able to enable / disable the products created. Disabled products cannot add to any order.

RF 5.1 The system must be able to create orders with a customer who requested it, an employee who created it, code generated from the customer's name plus the date and time of the request taken from the system, also a date also taken from the system and serialize them to a file.

RF 5.2 The system must be able to eliminate orders taking them from a table with all registered orders.

RF 5.3 The system must be able to enable / disable orders taking them from a table with all registered orders.

RF 5.4 The system must be able to update the status of orders between: requested, in preparation, in delivery, delivered, and canceled; without allowing the order status to go back.

RF 6.1 The system must be able to create an ingredient with its name and a Boolean that will say if the product is an allergen and serialize them.

RF 6.2 The system must be able to eliminate an ingredient by taking it from a table with all the ingredients registered in the system.

RF 6.3 The system must be able to enable / disable an ingredient. Disabled ingredients cannot use in subsequent products.

RF 7.1 The system must be able to create a type of food with the username that created it, the last user to modify and serialize it.

RF 7.2 The system must allow modifying the data of the types of food.

RF 7.3 The system must be able to eliminate a type of food if it is not being referenced by another object, taking it from the table with all the types of food registered in the system.

RF 7.4 The system must be able to enable / disable a type of food to avoid or allow it to be referenced later.

RF 8.1 The system must be able to create a product size with your name, user who created it, last user to modify and serialize it.

RF 8.2 The system must allow modifying the data of the product sizes.

RF 8.3 The system must be able to eliminate a product size if it is not being referenced by another object, taking it from the table with all types of food registered in the system.

RF 8.4 The system must be able to enable / disable a product size to avoid or allow it to be referenced later.

RF 9.1 The system must be able to generate reports from the time and date requested by the user to the time and date given by the user. By default, they will be 00:00 and 23:59.

RF 9.2 The system must be able to generate a report with all registered employees, the orders placed, and the sum of their value.

RF 9.3 The system must be able to generate a report with all registered orders, the number of times they were requested, and the money obtained from their sale.

RF 9.4 The system must implement two columns that total the data in both reports.

RF 9.5 The system must be able to generate a report in a .csv file with all the relevant information of the orders placed.

RF 10.1 All object creation windows (users, employees, clients, etc.) must allow viewing of the previously created objects of that class.

RF 10.2 The system must be able to update the information of the registered objects from the creation window of each object present in the table.

RF 10.3 The system must be able to assign a creator user, and the last user who modified the object for all registered objects regardless of their class.

RF 10.4 The system must be able to receive csv files with order, product, or customer information.