Tarea Integradora 1
Order System

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Algoritmos y programación II
Santiago de Cali
2020-2

FUNCTIONAL REQUIREMENTS

RF1: The program must allow restaurant registration. A name, nit and the name of the administrator are requested.

RF2: The program must allow the registration of a product. A code, name, description, cost and nit of the restaurant that offers said product is requested.

RF3: The program must allow the registration of a client, every client. A type of identification, an identification number, full name, telephone and address are requested.

RF4: The program must allow the registration of an order, every order has an order code, a date and time, the code of the. The restaurant's nit is requested, and a list of products to be ordered, each product to be ordered has the product code and quantity.

RF5: The program must allow updating the data of a restaurant requesting the nit.

RF6: The program must allow updating the data of a product by requesting its code.

RF7: The program must allow updating the data of a client requesting their document number.

RF8: The program must allow updating the data of an order requesting its code.

RF9: The program must allow to change the status of an order between REQUESTED, IN PROCESS, SENT and DELIVERED.

RF10: The program must allow to save all its information through the serialization of its objects in files.

RF11: The program must allow the generation of a CSV file of orders, including for each requested product record, the data of the restaurant, the customer and the product ordered. Requesting the separator to be used.

RF12: The program must allow all restaurants to be displayed on the screen in ascending alphabetical order.

RF13: The program must allow all clients to be displayed on the screen in order of their descending telephone number.

RF14: The program must allow you to efficiently search for a customer given a name and indicate the time that the search took.

RF15: The program must allow data to be imported from a csv file with restaurant information, another with customer information, another with product information, and another with order information.

RF16: The program must verify that all the products of an order belong to the restaurant that the customer chose to order.