**FUNCTIONAL REQUERIMENTS:**

**R#1.REGISTER: The program must be able to register restaurants, clients, orders, or a product.**

**R#2.UPDATE DATA:** **program must have the possibility to update the data of a restaurant,client,product or order. To find the object to update they count with an identificator like code, number, etc.**

**R#3.SORT: The client list must always be ordered alphabetically descending by surname and first name.**

**R#4.CHANGE STATE:** **The program must allow changing the status of an order between REQUESTED, IN PROCESS, SHIPPED and DELIVERED.** **You can change the order status forward but not backward.**

**R#5.VERIFICATION:** **it must be verified that all the products of an order belong to the restaurant that the client chooses to place the order.**

**R#6.SAVE:** **The program must save all its information through the serialization of its objects in files.** **Each time information is registered or updated it will be saved.**

**R#7.EXPORT:** **A csv file of orders must be generated, including for each requested product record, the data of the restaurant, the client, and the requested product. The user exporting this file must specify the separator. The csv file must be sort.**

**R#8.IMPORT:** **The program must allow importing data from a csv file with information of restaurants, clients, products, or orders.**

**R#9:SHOW IN SCREEN: The program must have an option that allows all restaurants or clients to be listed on the screen.**

**List of restaurants: they will be in ascending alphabetical order.**

**List of clients: in order of their descending phone number.**

**R#10: FIND CLIENT:** **The program must have an option that allows you to efficiently search for a client given a name and indicate the time that the search took.**