**LABORATORIO #2**

**FUNTIONAL REQUIREMENTS**

The program will be in the capacity of:

1. Managing shift types with preset durations in minutes. The duration’s type has to be a float. As a result, the program will allow to the user to create new turn’s types.
2. Showing the actual’s system’s date and hour to the user.
3. Updating the system’s date and hour. The program show allow to the user to enter her/his own date and hour whenever they are bigger than the actual.
4. Proccessing as atended all the turns whenever it is a new actualization of the system’s time.
5. Creating a report with all the information of an User. The program should show the information of the user, including if the user was atended or not in the momento of being called.
6. Creating users randonmly from a text archive charged by the user. The program should take the information of the archive and create new users with the information.
7. Creating new turns for users already registered in the system by indicating how many turns the program will generate in one day.
8. Being persistent. The program should save the information of the users registered in the data sytem’s.
9. Sorting by the algorithms of the program, depending of the criteria the user wants to sorting the users.