REQUERIMIENTO 1: Creates a random user with a document number, type, name, last name and number randomized, taken from a document previously loaded in the Project folder.

REQUERIMIENTO NF 1: All of the attributes previously mentioned except “document” take a random number which translates into the line to be taken in their respective file to load, in the case of “document” it takes a 10 randomized numbers from 0 to 9 each, and then creates a random document number from it.

REQUERIMIENTO 2: Generate random turns and assign them to users already created randomly, the user must input the amount of days to be created and also the amount of turns per day to be created.

REQUERIMIENTO NF2: The total time of the amount of turns created per day cannot exceed the amount of time a day has (24H)

REQUERIMIENTO 3: Show date/time in console, everytime the menu pops up and also as an option for the user, it will also update automatically in real-time.

REQUERIMIENTO NF3: The program must save the difference between real-time and system-time date/time.

REQUERIMIENTO 4: Allow the user to update date/time of the program in two ways: Manually and automatically (with the real date/time).

REQUERIMIENTO NF4: The new date/time cannot be lower than current.

REQUERIMIENTO 5: Attend all users with a turn automatically until current date from the last time they were attended (this being the real-time date if there hasn’t been any user attended yet).

REQUERIMIENTO 6: Create a new turn type with a name and an estimate of time it takes to attend.

REQUERIMIENTO 7: Generate a report with all the turns that an user has taken. Also showing if the turn was already attended and if the user was present when they were called to be attended.

REQUERIMIENTO 8: Generate a report with all the users that have had a turn with the name indicated by the user.

REQUERIMIENTO 9: Suspend an user that has not been present on the last two turns and ensure that they cannot ask for turns for the next two days.

REQUERIMIENTO 10: Show the time in milliseconds than an action takes to happen in console

REQUERIMIENTO 11: Save the current state of the system and give the user the option to load in the menu.

REQUERIMIENTO NF5: The data will be saved using serialization

REQUERIMIENTO NF6: In search turnTurnType there are a collections sort, a collections reverse and a sequential search