**TEXTUAL DESCRIPTIONS:**

**PATIENTS:**

* ***PATIENT LOG IN***

Main success scenario (MSS)

1. The patient types in the specific area the e-mail address
2. The patient types in the specific area the password

Alternative scenario

* 1. the patient has typed the wrong e-mail address, the system shows an error message and the patient can insert again the e-mail address
  2. the patient has typed the wrong password, the system shows an error message and the patient can insert again the password
     1. if the patient doesn’t remember the password can press the bottom “forgot password” and the system will send an email to create a new one
* ***PATIENT MANAGEMENT OF THE PROFILE***

Main success scenario (MSS) à we suppose that the patient has already done the log in, so this is a scenario that has to happen compulsory after the PATIENT LOG IN

(the patient adds at the first login all the personal information but he/she can successively modify only the non-sensible information like address, email, photo…)

1. The patient adds a photo
2. The patient adds an e-mail
3. The patient adds an address
4. The patient adds his/her date of birth
5. The patient goes in the section named “my visits” in order to check past visits or delete/modify future visits

Alternative scenario

If the patient inserts a non-acceptable address, date of birth or a too big photo the system shows an error message and asks the patient to do it again

* ***PATIENT BOOKS A VISIT***

Main success scenario (MSS) à we suppose that the patient has already done the log in, so this is a scenario that has to happen compulsory after the PATIENT LOG IN

1. The patient opens the section named “book a visit”
2. The patient types the name or the code of the visit
3. The patient selects the date and the time of the visit
4. The patient selects the structure in which he/she will have the visità we assume that the system automatically shows only the structures that are available to deliver the needed visit in the specified date and time
5. The patient decides which types of payment (pay at the visit, pay online)
6. The patient confirms the visit
7. The visit is booked and the “my visit” section is updated
8. The patient receives a message as a summary and as a reminder

Alterative scenario

2.1 the code or the name of the visit doesn’t exist, so the system shows an error message and asks to the patient to try again

4.1 the patient could have an exemption so in the section payment will be shows a message “no payment needed”

5.1 if the online payment has failed the system displays an error message

* ***PATIENT INSERTS THE MEASUREMENTS***

Main success scenario (MSS) à we suppose that the patient has already done the log in, so this is a scenario that has to happen compulsory after the PATIENT LOG IN

1. The patient opens the section named “my measurements”
2. The patient can fill in the questionnaires
3. The patient can upload the csv file that contains the information about sleep quality index, REM latency, height, weight, BMI and physical activity (we suppose that all these information are collected by a smart watch and it is directly connected to the system. The information are automatically uploaded weekly)
4. The patient can insert manually the values of the blood pressure and the hearth rate collected through the automatic sphygmomanometer and the level of glycaemia
5. The patient saves the measurements uploaded/inserted or the questionnaires
6. The “my measurement” section is updated
7. The patient can visualize the statistics and the diagrams

Alternative scenario

4.1 If the patient inserts some values of measurements that are incorrect in terms of type of data (strange values or strings instead of numbers) (if the data are out of the normality range it is not an error since the fact that it could be a very important parameter for the disease status) the system shows an error message and asks the patient to insert it again

* **PATIENT FILLS IN THE SATISFACTION SURVEY**

Main success scenario: the patient can fill in it whenever he/she want just. The system will send a link by message or mail to the patient and on this webpage the patient answers the question

1. The patient opens the link
2. The patient answers giving a score to different section basing on his/her experience. The sections are: cleanliness, specialized practitioners availability, specialize practitioners capability to hear, waiting time, clarity and simplicity of the system.
3. The patients can add some notes and some suggestions
4. The patient sends the survey and receive a copy of his/her answers

Alternative scenario:

The patient decides to do not finish answering, he closes the webpage and the usecase ends.