**Requirements Specification**

Main Users: Doctors, Receptionists, Nurses, financial admins, lab employee, patient, pharmacist, super user

A user could be any of the users mentioned above

**User stories:**

1. As a user, I should be able to use the system at any given time. (Source: Interview)
2. As a patient, I want to assign a doctor to my medical profile so that he can access it. (Source: Interview)
3. As a doctor, I should not be able to see medical records of patients that I’m not assigned to, so that the patient’s confidentiality is maintained. (Source: Interview)
4. As a doctor, I should be able to assign another doctor to the medical record, in case multiple doctors of different specialties need to be involved. (Source: Interview)
5. As a doctor, I should be able to transfer the digital medical record to this system, so that I have all the info consolidated in one place. (Source: Interview)
6. As a patient, I want to be able to access my medical record, so that I can see the medical record’s details. (Source: Interview)
7. As a doctor, I want to be able to access the patient’s medical record, so that I can see the medical record’s details. (Source: Interview)
8. As a Lab Specialist, I want to be able to access the patient’s medical record, so that I can see the medical record’s details. (Source: Interview)
9. As a patient, I want to be able to edit specific parts of my medical record, so that I can keep my record updated. (Source: Interview)
10. As a doctor, I want to be able to edit specific parts of the patient’s medical record that I am assigned to, so that I can keep the record updated and so that other users involved can see the changes I have made. (Source: Interview)
11. As a lab specialist, I want to be able to edit specific parts of the patient’s medical record that I am assigned to, so that I can keep the record updated and so that other users involved can see the changes I have made. (Source: Interview)
12. As patient, I want to be able to link my fitness device to this software, so that I can make use of the data that is generated by my fitness device. (Source: Interview)
13. As a patient, I want to be able to upload my fitness data to this software, so that doctors can have more information about my daily life. (Source: Interview)
14. As a lab specialist, I want to be able to upload lab results to the medical record, so that the assigned doctor and the patient can see the results. (Source: Interview)
15. As a nurse, I want to be able to link an external device to the software, so that the data generated can be uploaded automatically to the software. (Source: Interview)
16. As a doctor, I want to be able to link an external device to the software, so that the data generated can be uploaded automatically to the software. (Source: Interview)
17. As a patient, I want to be able to see the results from external devices (i.e. blood pressure, CT scans, etc.), so I can monitor my progress over time. (Source: Interview)
18. As a doctor, I want to be able to enter results from external devices manually, so that in case there is a malfunction in the linking process or in the external device itself I can still input the result on the medical record. (Source: Interview)
19. As a doctor, I want to be able to edit and add notes to different parts of the medical records, so that I can better assess the situation and keep myself informed for the next time I read the medical record. (Source: Interview)
20. As a patient, I want to be able to give or reject authorization to link an external device (i.e.: fitness band) to my medical record, so I that I can maintain my confidentiality. (Source: Interview)
21. As a patient, I should be able to control who gets to see the data generated by my external devices, so that I can keep my privacy. (Source: Interview)
22. As a patient, I want to be able to log in the software using DigiD, because it is convenient and saves time. (Source: Interview)
23. As a user, I want to have a unique log in (username and password), so that the system would be more secure. (Source: Interview)
24. As a doctor, I should be able to order a medical test to be run by the lab specialists, so that I can have it on the patient’s medical record. (Source: Interview)
25. As a doctor, I should be able to rate the importance of the medical test (urgent or not), so that the lab specialists can manage their time better and work on what is most important first. (Source: Interview)
26. As a lab specialist, I should be able to see the requested medical tests, so that I can start working on them. (Source: Interview)
27. As a lab specialist, I should be able to add a note to the lab test results, so that the doctor can have a better understanding of the results. (Source: Interview)
28. As a patient, I want to be able to see my lab test results on my medical record, so that I have everything in one document. (Source: Interview)
29. As a lab specialist, I want to be able to link a lab test with a medical record, so that everything can be contained in one document. (Source: Interview)
30. As a receptionist, I want to be able to book an appointment for a patient with a doctor. (Source: Interview)
31. As a receptionist, I want to be able to assign a bed for a patient, so that the patient has a place to stay while in the hospital. (Source: Interview)
32. As a receptionist, I want to be able to assign a doctor for a patient, so that if the patient does not know any doctors, I can do it for them. (Source: Interview)
33. As a user, I want to be able to access the system from different devices (mobile phone, tablets, computers etc.), so that I can use whatever is available to access the software. (Source: Interview)
34. As a user, I want to be able to access any document no matter in which department I am, so that I can have better accessibility. (Source: System Description)
35. As a user, I want to be able to access the system 24/7, so that I have maximum availability and ensure my users can use the system at any time. (Source: Interview)