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| No. | Requirement & problems | solution | note |
| 1 | Review patient’s historical medical records and documents (including those from other clinics and hospitals)  --- | * **Use patient’s memory chip which can protect the patient’s privacy and also record all historical medical records of this patient** * **When meeting a patient, the doctor wants to have a dashboard to show all required and necessary information all in one screen, including diagnosis and compiled medical test results, better with graphs or charts to show these.** |  |
| 2 | Record the diagnosis results | Template to record the diagnosis |  |
| 3 | Make the prescription and send the list to billing system (accountant) ???pharmacy system | * Template to make prescription * Submit the list to accountant | Won’t cause misunderstanding because of bad handwriting |
| 4 | Schedule medical lab test with lab department | Make a booking according to available machine and time for lab staff | No more calling |
| 5 | View patient’s medical test results | Electronic result reports to doctors |  |
| 6 | * Give introduction to the receptionist to book a ward for the patient * Cancellation is also be done by receptionist | Done by receptionist |  |
| 7 | Visit the ward | * A portable device with a dashboard showing patient’s medical records and current conditions * Intern will make notes dictated by the doctor within the system and the doctor will check later | Electronic notes with template. Doctor would be easier to check the record with a formal format. |
| 8 | Notify receptionist to schedule next appointment with regular patients | Notification system |  |
| 9 | Notify receptionist to cancel the appointment with the patients | Notification system |  |
| 10 | To be notified about appointments (booking & cancellation)with patients by the receptionist | Notification system |  |
| 11 | ??what to do with foreign patients--as new patient |  | Cannot be solved by the system. It needs to connect with other countries or hospitals medical system, which is difficult to be done. |