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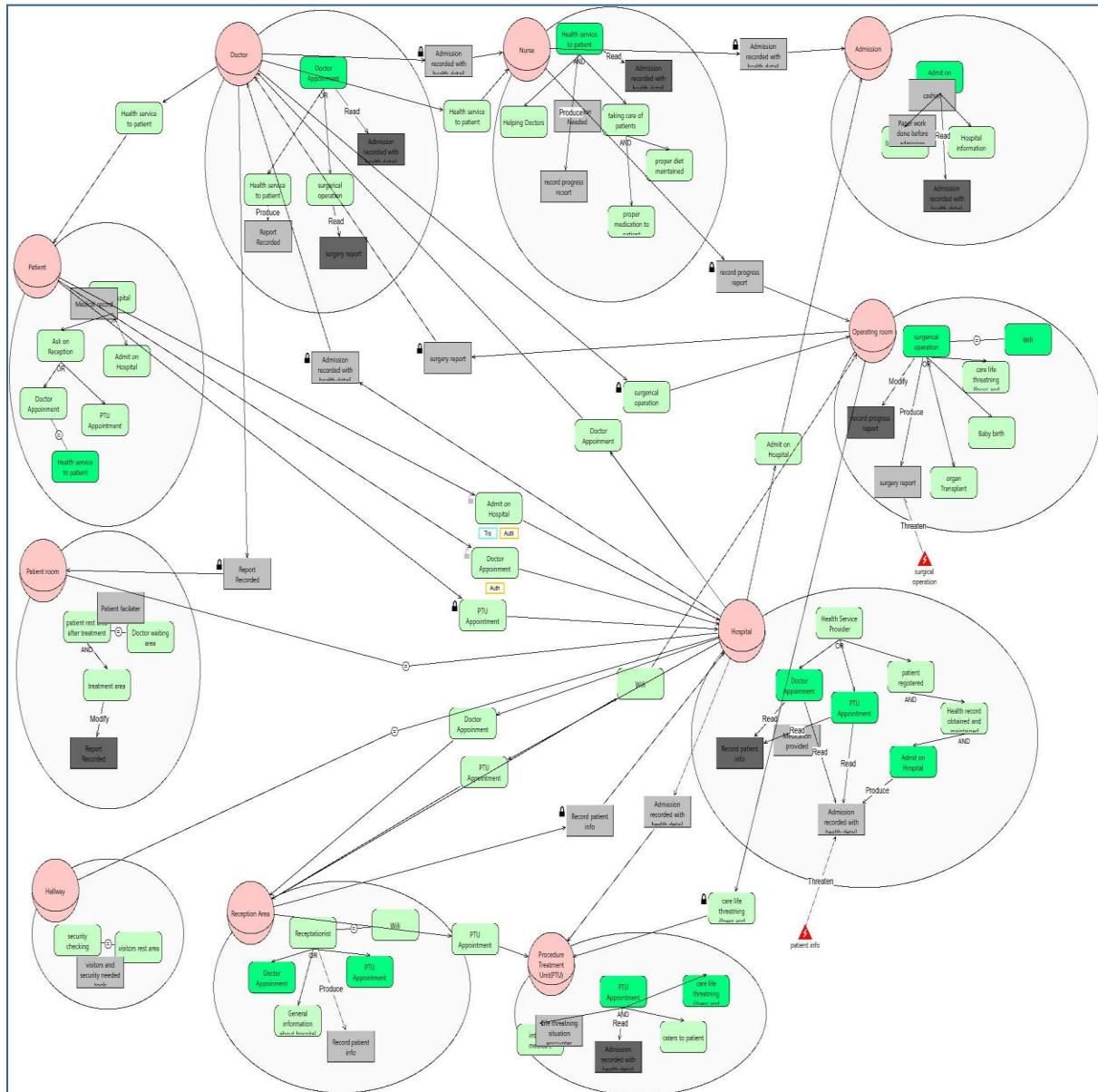


Figure 1 - Social View for the Hospital System project

Social View point of Hospital system

The social view point of Hospital System shows the involvement of Doctors, Nurse, PTU, patients and the other Hospital staffs. It also shows the goal of everyone involved and provides the information needed to achieve the goals. Each and every one has their different goal with some similar goals to achieve one thing which is to provide health service to the people that came in to the hospital. Different location was set up for different things, such as Hallway, Reception, Admission office, operation room, Patient room, and Procedure treatment unit room.

There were roles of Doctors, Nurse, Patient, Receptionist, Admission office, Procedure Treatment Unit, and Operation room.

Doctor : The main role was of doctor where they have to read and produce Patient medical histories. They were the one to treat the patients and cure the illness of the patient. Operation room and the patient room is mainly operated with the help of Nurse.

Nurse : Nurse role is to follow up with the doctor first and then take care of patients. They are the one to take care of the patients, provide medicine on time, and maintain diet for patients.

Admission Room: Admission room will help in collecting the patient information and distribute to doctors and nurse, so that they are informed about the patients. Admission room also collects the money before admitting to the hospital.

Reception area: patient first encounter the reception area and then the other things. Receptionist will provide general information about the hospital and whatever question the visitors have. It also collect the information of visitors and patients, transfer call to the hospital staffs, and other general paperwork.

Procedure Treatment Unit: This PTU will help patients in intensive Medicare, caters the patients and helps in treating the life-threatening illness and incidents. They will be always group of people to help and encounter intensive situation.

Operation room: Operation room is the most technological filled place where life-threatening illness and incident is treated. Only special doctors and the helper nurse, assistant doctors are allowed to be there. OR is always full of pressure because if anything goes wrong then its life or death of the patient.

Patient room: After treatment of before getting treatment patients are placed in this room. Patients are admitted for month or until they are cured so, there will be all the tools and facilities provided by the hospital for the patients to stay comfortably.

Each goals have their achievement and progress to do, and there will always be following the report reading, modifying and producing in it.

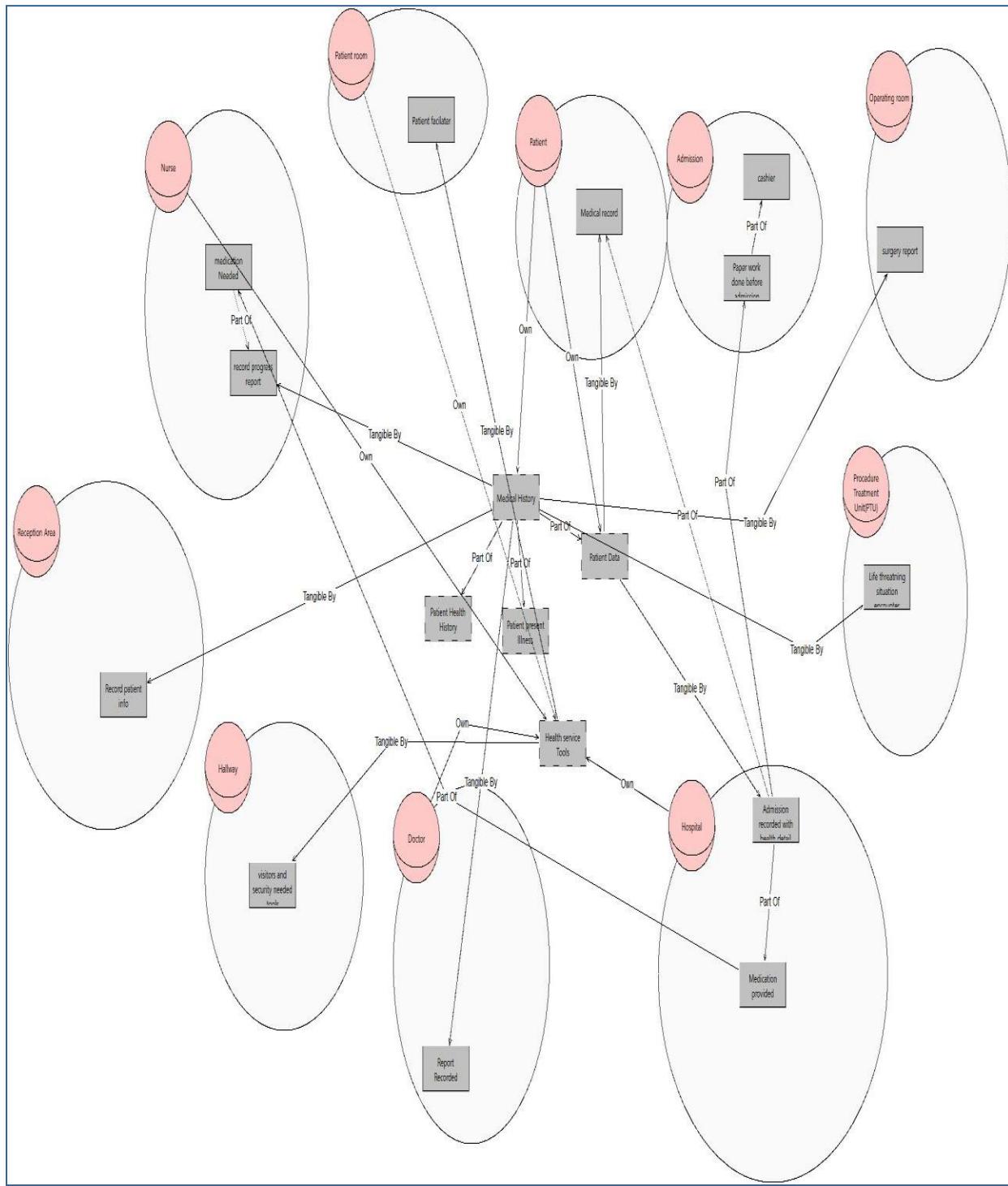


Figure 2 - Information View for the Hospital System project

Information view for the Hospital system

This view is to provide information to everyone whose goal is inter-related and they share common goal. This information view provides the information recorded, modified, produced and transferred with proper authorization of hospital administration. This is to provide general system of information distributed and shared in between the hospital staffs and the patients. It clears the process and system that is used to operate and collect data and produce reports in the hospital. The information is mainly owned by the hospital, and patients which then other information are the parts of it which is also tangible by the doctors and nurse modified reports. Doctor produce report which is followed by the Nurse to take care of the Patient and other hospital staffs.

All the patient medical History, patient information is owned by the patient where as that is collected by the reception (general information), admission office (mostly all the information, created by the doctors and modified by the nurse). The doctor collects the patient health history and then produce new health report including the present health condition. The report produced by the Doctor is used by the Hospital and followed up by the nurse and then modified with the authorization of the doctor to standardize the health condition of the patient.

Hospital own all the tools and medicines, including doctor, nurse and staffs which is provided to the patient for their health service. Operation room use the advance technology provided by the hospital to cure the patients.

Patient health history, patient present illness, and persona information is part of the medical history which is owned by the patient at first and then it is distributed by the hospital to doctors and nurse with authorization.

There are many reports created by the doctors which are tangible by the Nurses modified report, admission office report. They all are inter-related to each other and tangible to each other systems.

Nurses usually use the doctors authorization to do lots of stuff with their proper guidance and help. Nurse need medical tools and every day after visiting patient nurses and doctors modify the reports when then sent to the hospital main operating system, so that they can get access of it any time.

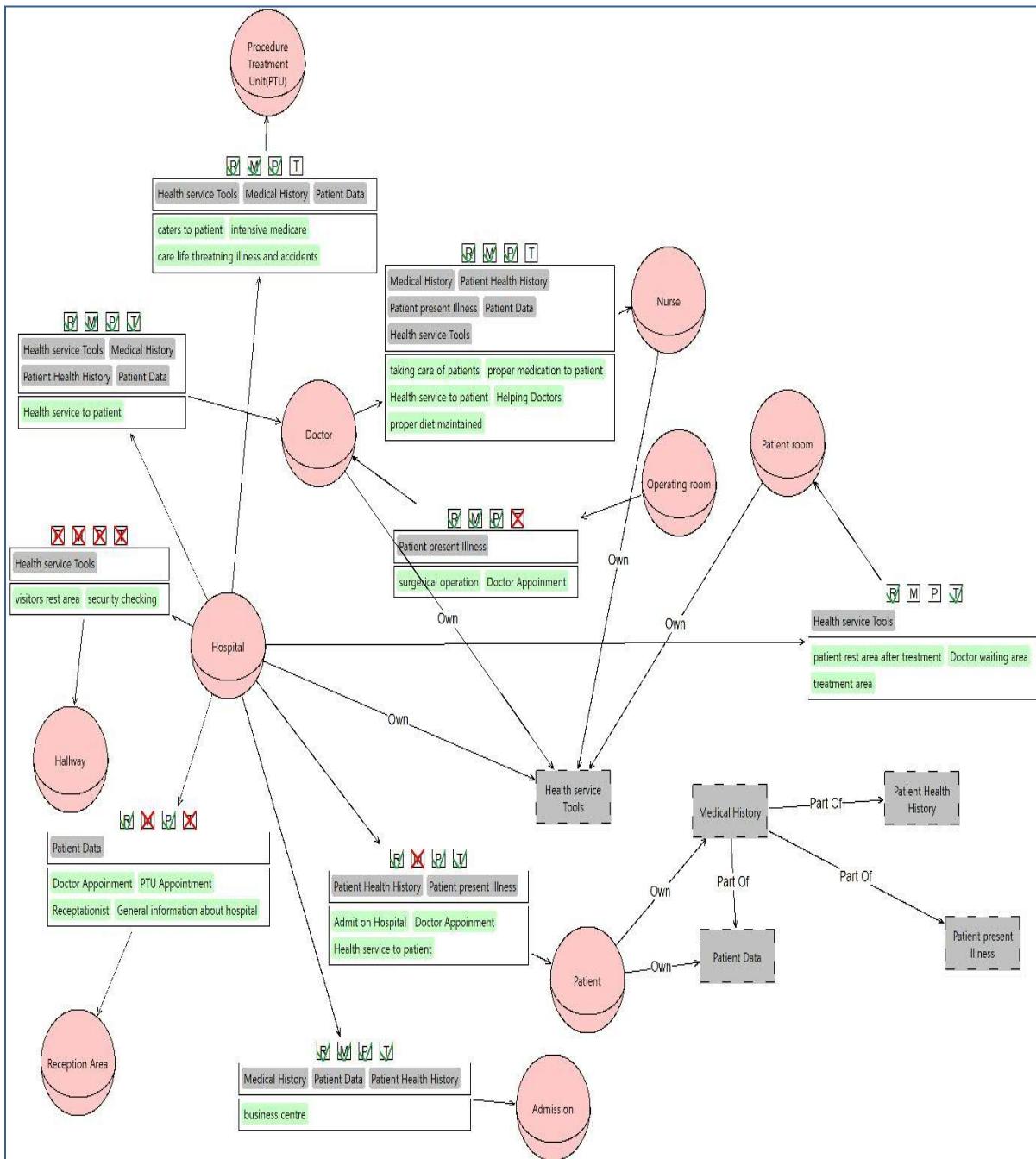


Figure 3 – Authorization view for the Hospital System project

Authorization view for the Hospital system

Authorization is mostly provided by the hospital to the doctors and the nurse. Hospital authorize doctor to read, modify, produce and transfer the health service tools, medical history, patient health history, and patient data with the approval of the patient and the hospital authorization.

Doctors authorize the patient information and the report to the nurse so that they can treat the patient well and help them. Nurses are authorized to read, modify and produce the report to take better care of the patient, provide proper medication, helping doctor and provide proper diet to the patient.

Hospital provide health service tools and authorize to use it to doctors, nurse, procedure treatment units. Procedure treatment units are authorize to read, modify and produce the report. PTU is authorized by the hospital administration and the patient for the betterment of patient health.

The wifi is provided to the receptionist, doctors and nurse so that they can collect and transfer patient information and any other medical treatment information in between them. It is provided to the limited staffs in the hospital for the proper use. Reception area use it to collect the information of the patients and transfer it to the doctors. Doctors use it to get the report fast, save it for the future so that they can get access any time they need to and also to get the medical treatment information in case of identification of disease.

Patients own medical history of their own, personal data and it is the part of medical treatment process. After admitting to the hospital, patients are full responsibility of the hospital, so they try to comfort and provide as much as facilities they need to stay healthy and live.

Operating room is authorized to the health service tools and it is manly for surgical operation with the proper appointment of the specialist doctor. The system inside the hospital and manly in the operation room is made strict so, that authorized persons and doctors are allowed to enter.

Patient room own the health service and the hospital authorize the health service tool in the room, where doctor and nurse are authorized with some close people of patient for limited time.