INDIVIDUAL ASSIGNMENT
INTERAKSI MANUSIA DAN KOMPUTER A11.4605

Read the question carefully

Public health office will propose new system that involve doctor, nurse, pharmacist, and management. The system provide information about the availability of medicine and medical equipment. Generally, the proposed system can improved synchronization between doctor, nurse, pharmacist, and management in term of the availability of medicine and medical equipment. Each of user can find out the latest update about medical supplies and medical equipment. The system also provide communication for each user. Specifically, this system has the following specifications:

For doctor, the system can provide prediction of kind of medicine that correspond for patient's illness, monitoring the availability of medical supplies and medical equipment, and create new proposal about medicine and medical equipment for hospital.

For nurse, he/she only controls and receives recommendations of medicine and medical equipment that provided by doctor, advises the doctor about the limitations of medicine and medical equipment.

For pharmacist, the system can display kind of medicine and medical equipment that has been approved by management. The pharmacist can't make changes to the amount of medicines, medical equipment, and prices. The system also help the pharmacist to classify the types of medicines and medical equipment that can be purchased by patient without a recommendation by doctor. The pharmacist must provide a report at once a week.

For management, the system can archive the report about medical supplies and medical equipment. It can help management to provide the information to the pharmacist regarding medical supplies that has been approved. The management has authority to rejected medicine and medical equipment that has been proposed by doctor.

1. Create the dialog notation including:
   a. State Transition Network
   b. Hierarchical STN
   c. Jackson Structured Diagram

Reference:

1. Dix, Alan, et al. Human Computer Interaction 3th edition
   - Chapter 16

Submission:

   - Hard Copy, write in folio paper
   - Time: Wednesday, May 30th 2018 before 15.00 WIB

Late Submission will be penalized. Your work are not accepted