Quiz: Patient Monitoring System

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Quiz Instructions

❑ Analyze the requirements

❑ Write a Java program for the reqsuirements
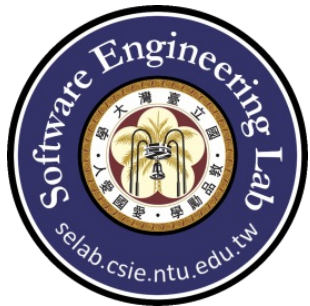
❑ Test your program

Requirement Statements

❑ Patients in an intensive-care ward in a hospital are monitored by electronic analog devices attached to their bodies by sensors of various kinds.

❑ Through the sensors, the devices measure the patients' vital factors: one device measures pulse rate, another blood pressure, another temperature, and so on.

❑ A program is needed to read the factors, at a frequency specified for each patient, and store them in a database.

❑ The factors read are to be compared with safe ranges specified for each patient, and readings that exceed the safe ranges are to be reported by alarm messages displayed on screen of the nurse station. An alarm message is also to be displayed if any analog device fails.

Homework (2)

❑ Start your first team meeting with your team members after the quiz

❑ Record your discussion in the meeting minutes with the template on the next page.

❑ Present your meeting minutes in the class every week.

Meeting Minutes Template

Software Engineering Design Meeting Minutes			
Date			
Time			
Location			
Facilitator			
Recorded by			
Objective			
Participants			
Name	E-mail	Role	Present
Meeting Agendas			
Issues			
Slides			
Group	Slide URL		

Action Items

No.	Action Items	Responsibilty	Deadline	Status
1				**Closed**
2				**Open**
3				**Ongoing**
4				**Suspended**

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