#### ICU PATIENT MONITOR

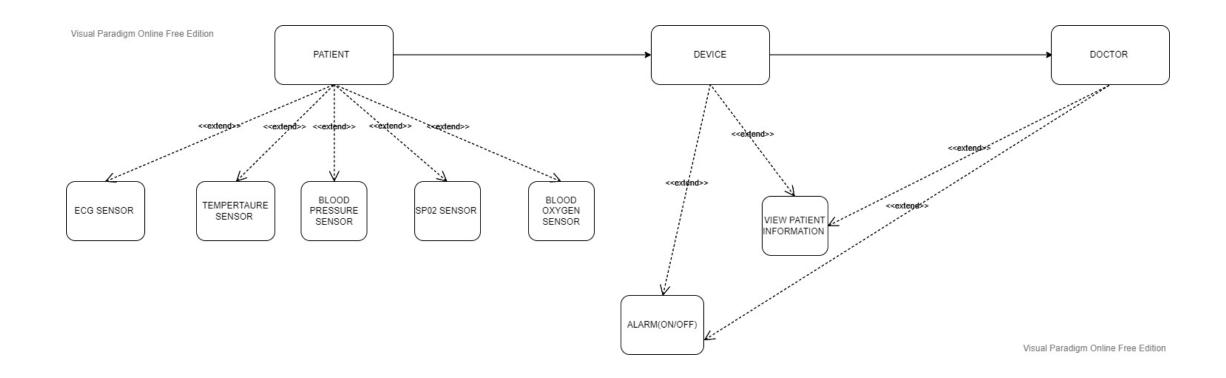
Kuye Doluwamu Taiwo



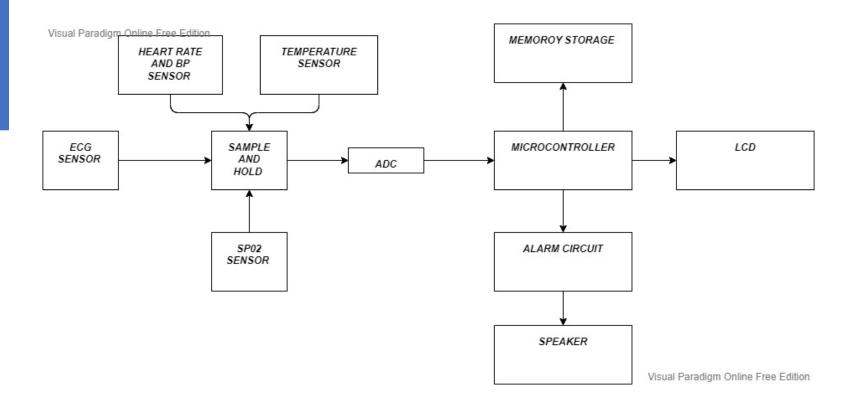
#### Problem

• Doctors cannot constantly be present in the intensive care unit, nor can they visit and monitor every patient at the same time; as a result, while attending to one patient, another may experience an emergency. Patients may experience difficulties as a result of this, and clinicians could feel helpless in the situation. The patient monitoring device provides a solution to these issues by continuously displaying vitals and alerting the doctor if any anomalous readings are detected.

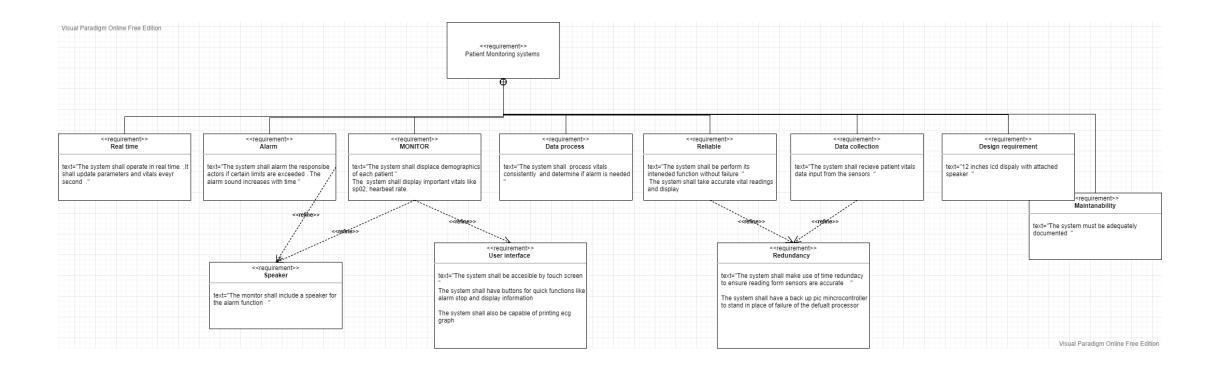
#### Diagram of the system elements



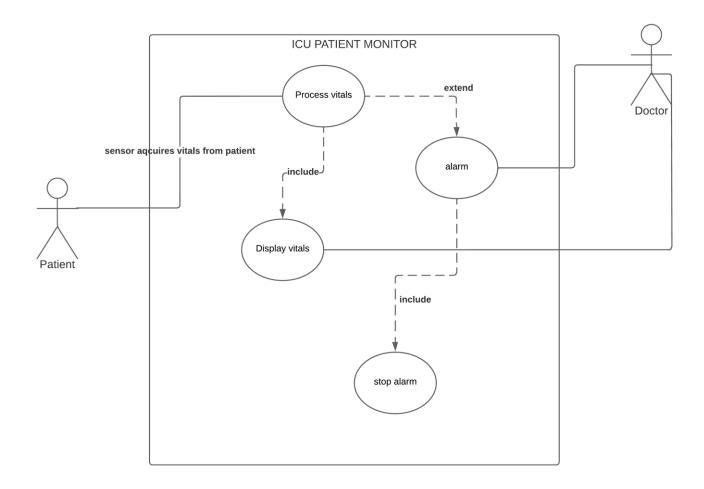
### System block diagram



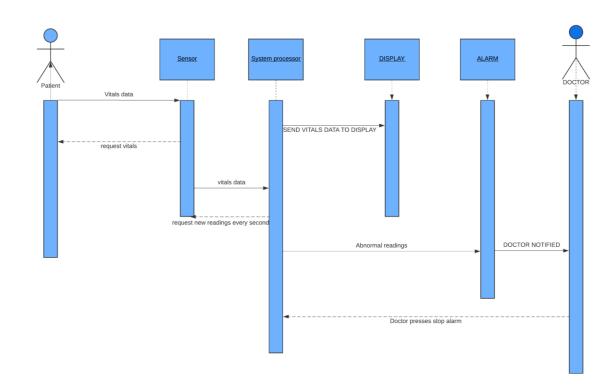
#### Requirements



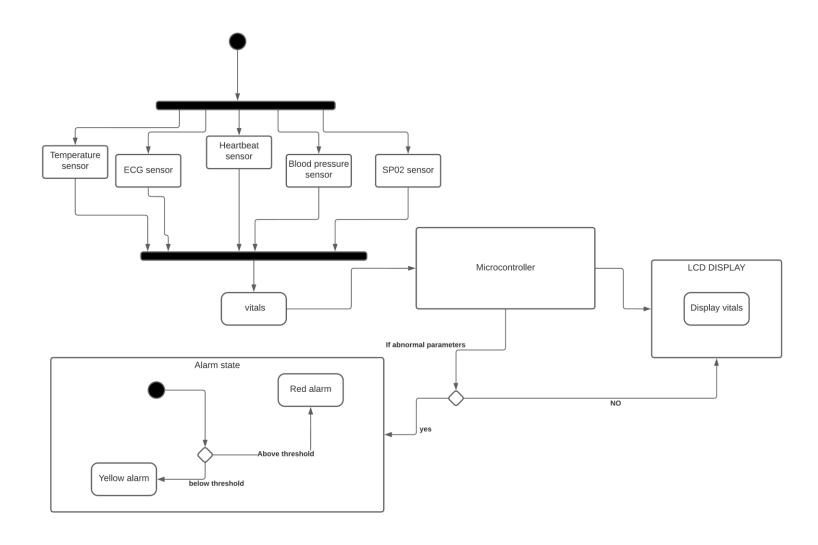
#### Use case

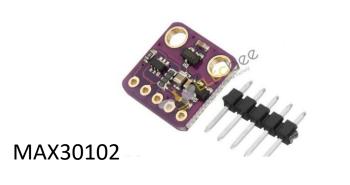


#### SEQUENCE DIAGRAM

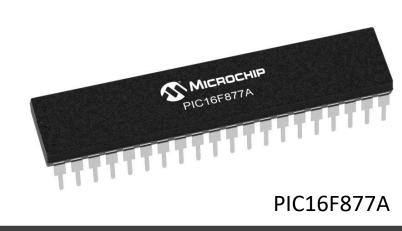


#### ACTIVITY DIAGRAM









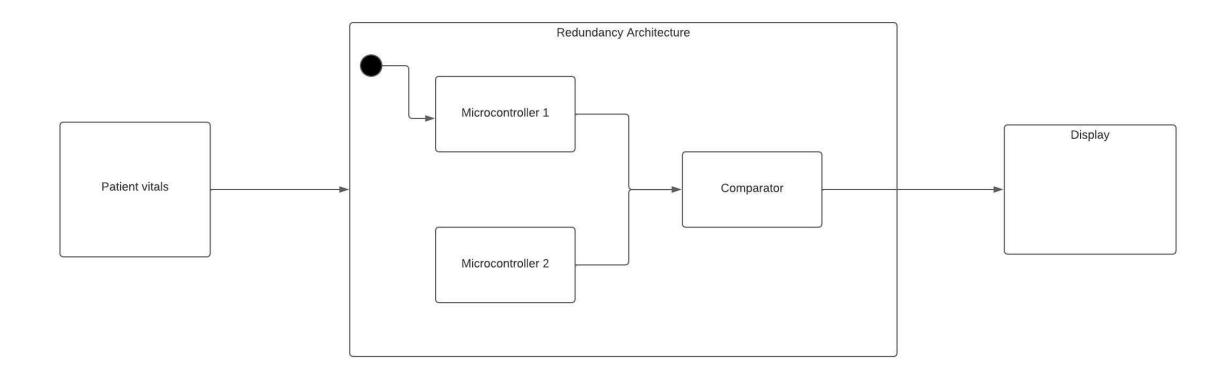




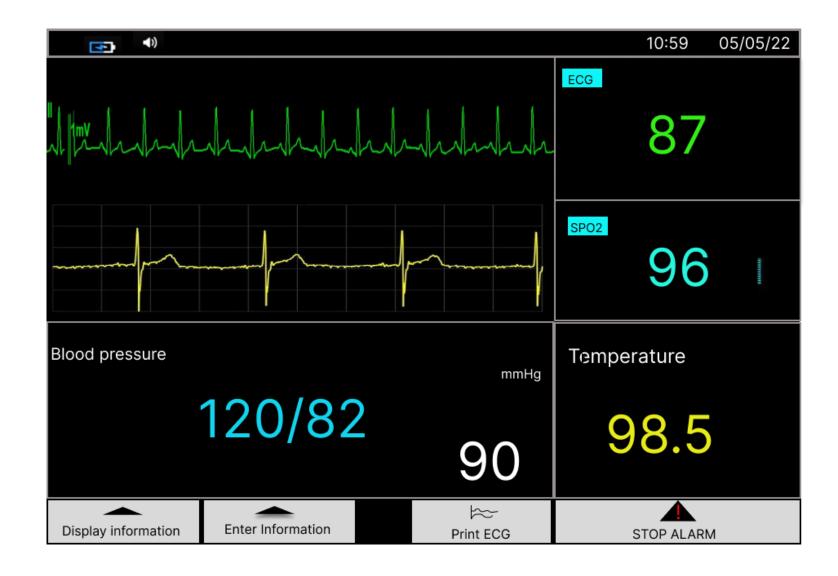


#### Hardware specification

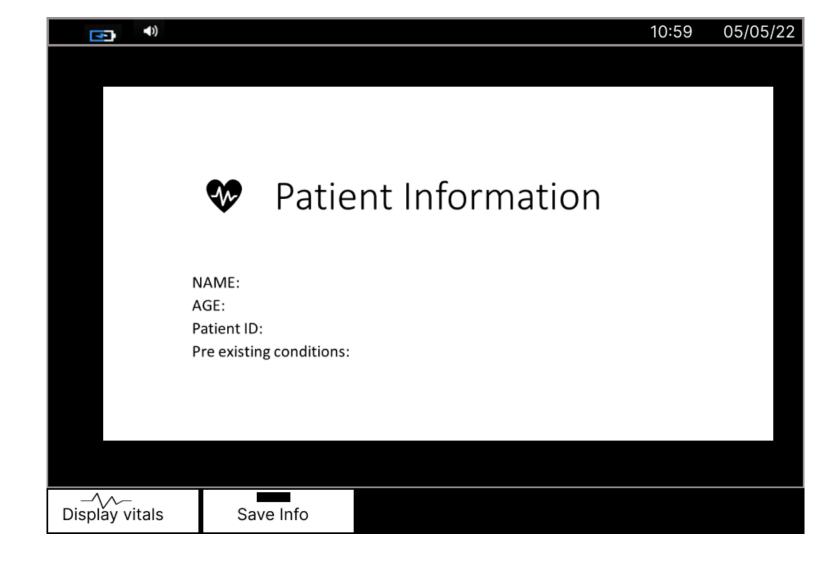
### Critical part



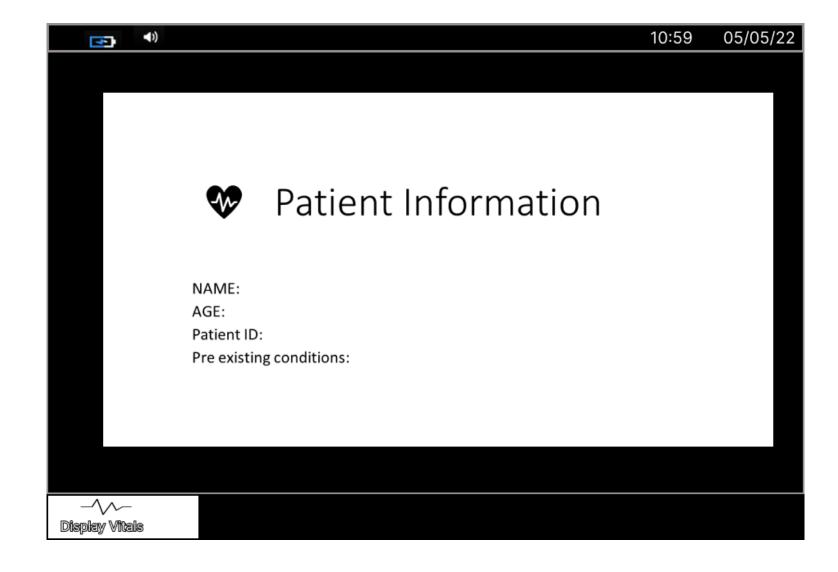
## User interface (default screen)



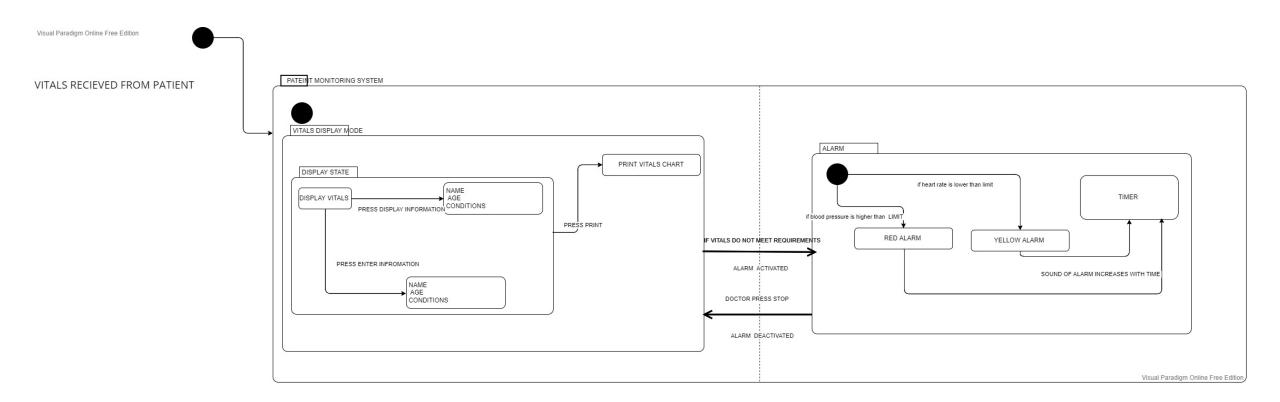
# User interface (enter info screen)



## User interface (display info screen)



#### User interaction



#### Conclusion

• By using the system, the healthcare professionals can monitor, and quickly diagnose ICU patients all the time.