

Sequence diagrams



Create a sequence diagram to model the logic for a sophisticated procedure, function, or operation. Watch a basic tutorial and read more in this help center article.

Description:
This sequence diagram outlines the alarm generation process in a medical monitoring system, focusing on the sequence from data detection to acknowledgment of the alarm by medical staff:
Component Interaction: The process begins when the heart rate monitor detects a critical data threshold breach. AlertGenerator confirms this by requesting historical data from DataStorage, ensuring alerts are based on reliable trend analysis.
Alert Generator and Notification: Upon confirmation, an alert will be generated and sent to medical staff, especially nurses. This emphasizes the automated capabilities of the system to quickly generate and distribute alerts.
Acknowledgment Process: Acknowledgment of alerts by medical personnel is critical as it prevents duplication of notifications and confirms effective communication. This step ensures effective management of alerts and promotes timely medical response.

