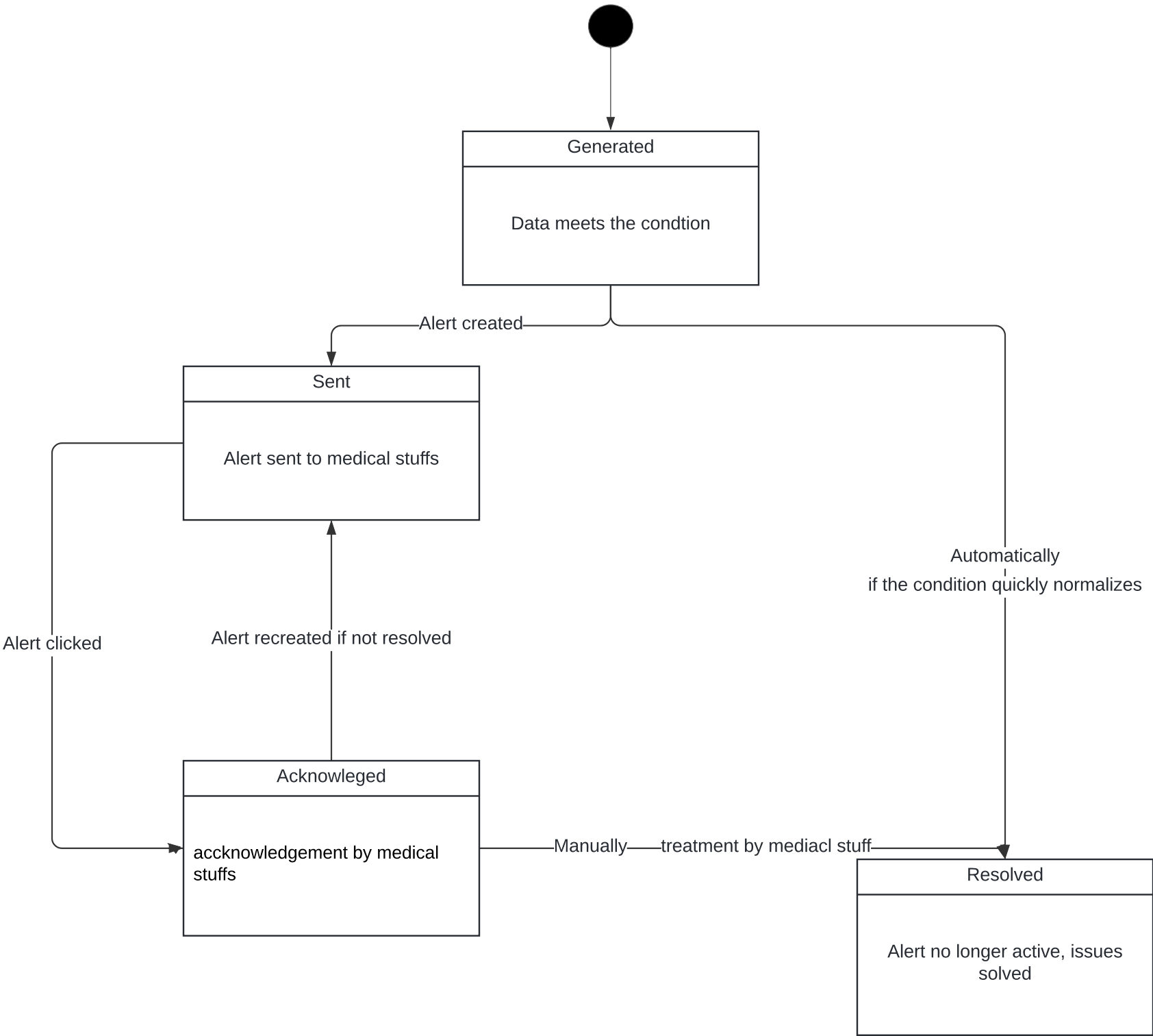


Quick tip

UML activity diagrams

Read more about structuring UML activity diagrams here.

Lucidchart basics



State diagram visualize the entire lifecycle of alerts in a healthcare monitoring system from generation to resolution, providing insights into how alerts are managed in response to patient data thresholds.

Design reasons:

Generate status: Launched when patient data meets specific criteria, highlighting the system's real-time monitoring capabilities.

Send status: Indicates that an alert is being sent to medical personnel to ensure timely attention to critical situations.

Acknowledged status: Shows employee interactions where alerts are acknowledged to prevent duplicate notifications, which is critical for managing workflow and reducing alert fatigue.

Resolved status: Indicates resolution of the alarm, either automatically if the patient is stable or manually after medical intervention, showing the system's adaptability to the patient's condition.

Transitions between these states describe the progression of alerts based on system operations and user interaction, illustrating the operational flow within a healthcare monitoring system.