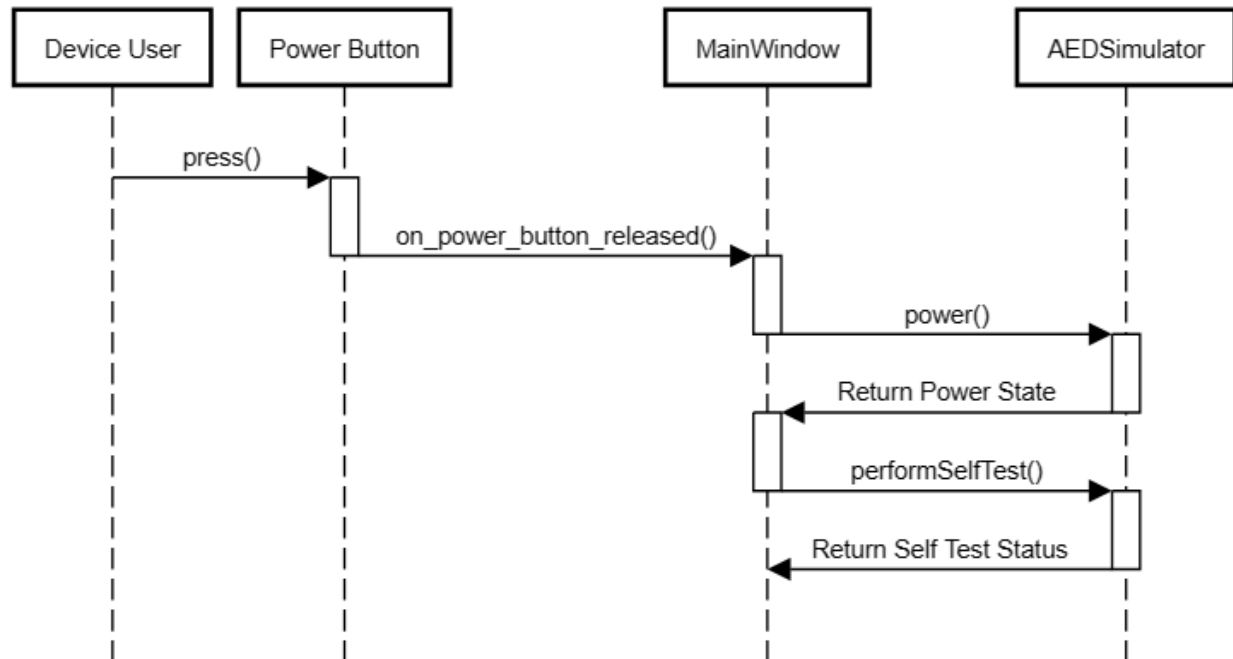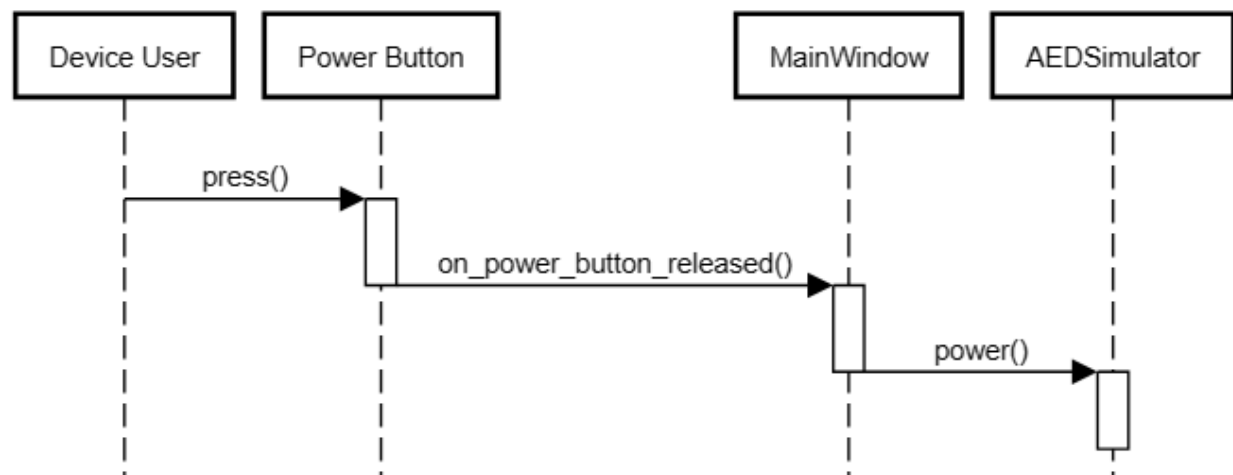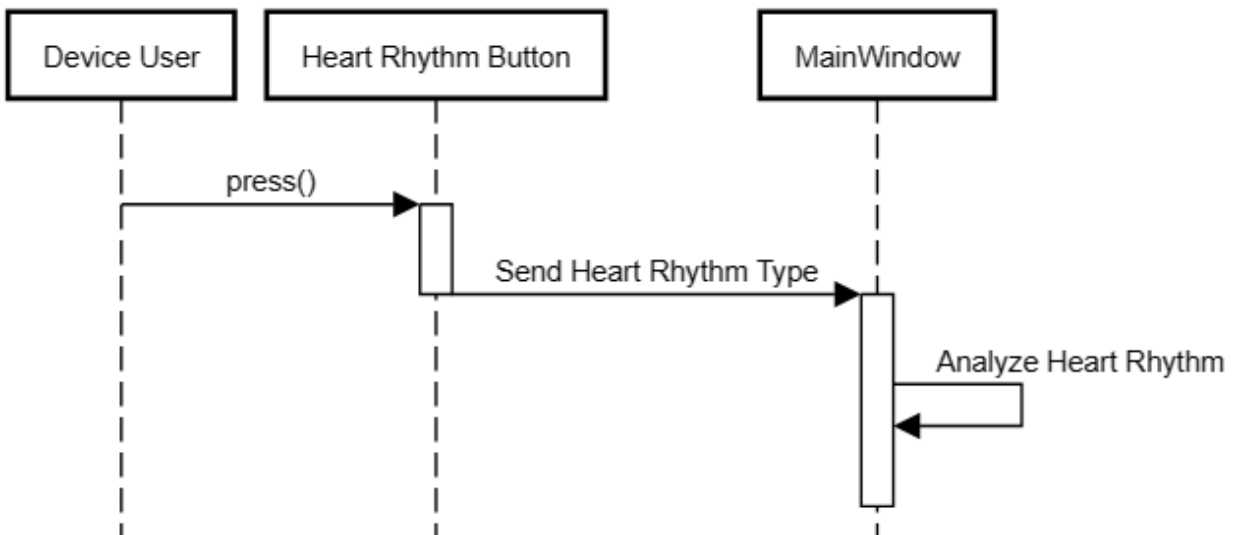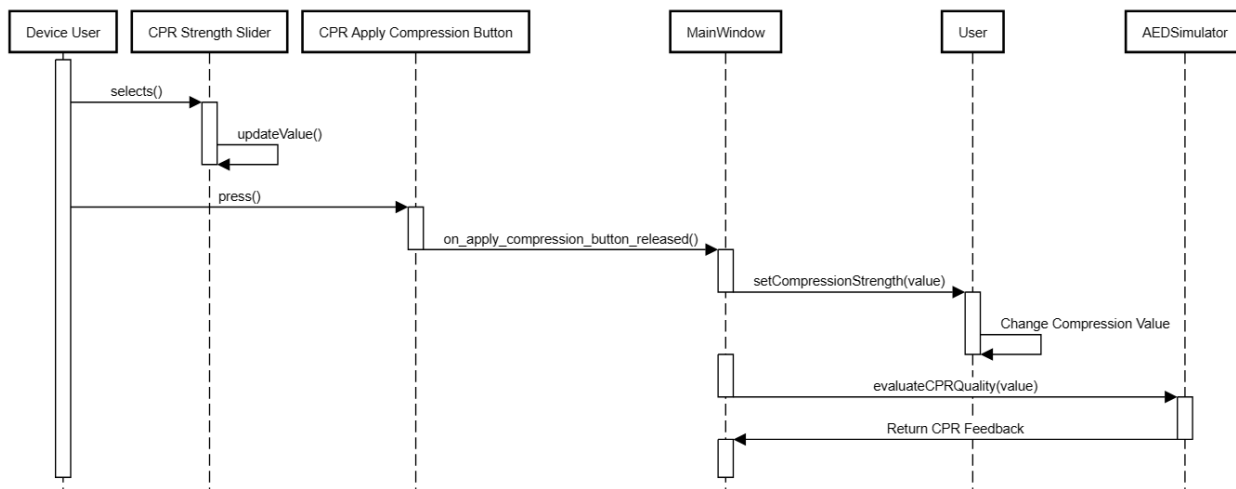**Sequence Diagram:**

Use Case 1: Power On

Power On

Use Case 2: Power Off

Power Off

Use Case 3: Cardiac Arrhythmia Detection

Cardiac Arrhythmia Detection

Use Case 4: Real-time CPR Feedback

Real-time CPR Feedback

Use Case 5: Shock Delivery

Shock Delivery