Auto Off Sequence Diagram
(Use Case 10)

User	ContactButton	MainWindow	aQStackedWidget

User → ContactButton: pressed

ContactButton → MainWindow: on_ContactButton_released()

Timer off

MainWindow: stop()

Timer on

MainWindow: on_ContactTimerFired()

MainWindow → aQStackedWidget: setCurrentIndex(6)

Page 6 prompts user to record

MainWindow ⇢ User: Prompt Record Session

User ⇢ MainWindow: Response

MainWindow: on_Record_released()

MainWindow → aQStackedWidget: setCurrentIndex(1)

Page 1 is the therapy page

MainWindow: resetPowerTimer()

MainWindow: on_PowerTimerFired()

MainWindow: turnDeviceOff()

MainWindow → aQStackedWidget: setCurrentIndex(0)

Page 0 is the "off" page

MainWindow ⇢ User: Device Turns Off

User ⇢ MainWindow: User Is Inactive

MainWindow: on_PowerTimerFired()

MainWindow: turnDeviceOff()

MainWindow → aQStackedWidget: setCurrentIndex(0)

MainWindow ⇢ User: Device Turns Off

Note: Starting from the state where the checkbox is already checked