Case: Interruption of Sensor/Signal User selectButton qCustomPlot applyToSkinCheckbox breathTimer sessionTimer MainWindow Device Recording This diagram shows what happens when the sensor is interrupted during an active session. The UI has a checkbox that allows the user to deactivate the sensors. This diagram shows the interruption while an active session is occurring. press() I handleSelectButtonPress() П loops every 5 seconds loops every 1 second updateBreathPace() update() update() getRecordingCoherenceScore() getCoherenceScore() getRecordingAchievementScore() getCurrentAchievementScore() getRecordingLengthofSession() getLengthOfSession() getRecordingDataPoints() getFiveLatestPlotPoints() getActiveIndicator() ____int playBeep() User interrupts sensor stop() stop() saveRecording() getLengthOfSession() getAverageCoherenceScore() getCurrentAchivementScore() creates Log object getLog(logNumber) returns Log object getPlotPoints() Log of session is displayed on screen