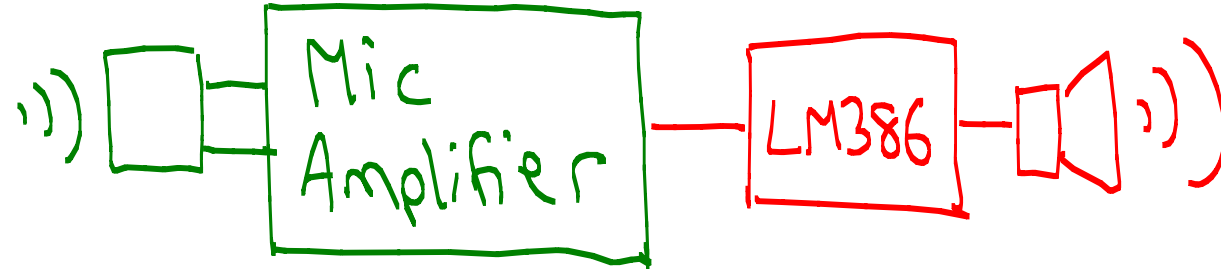
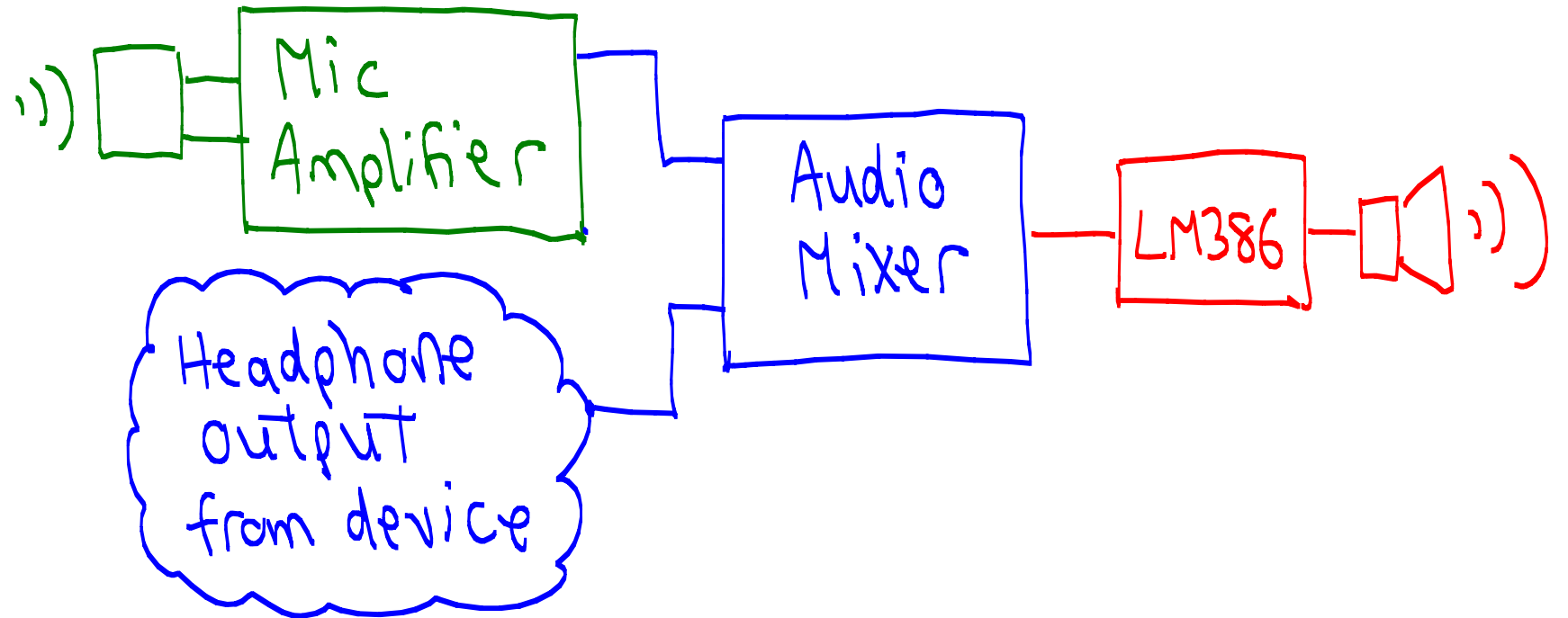


Topic #1 Microphone Amplifier

1 person

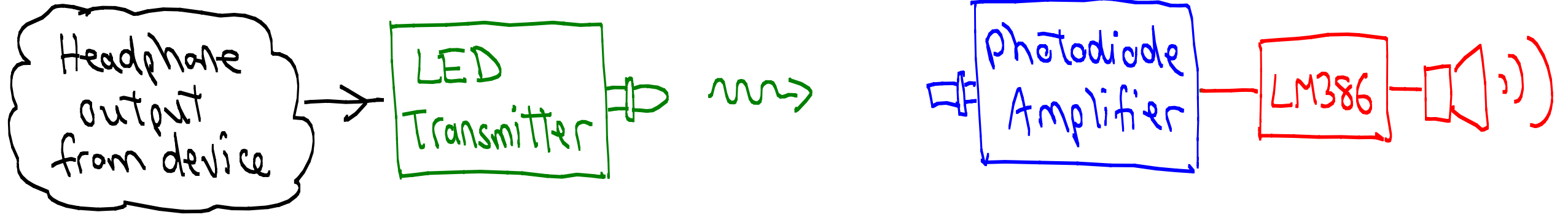


2 people

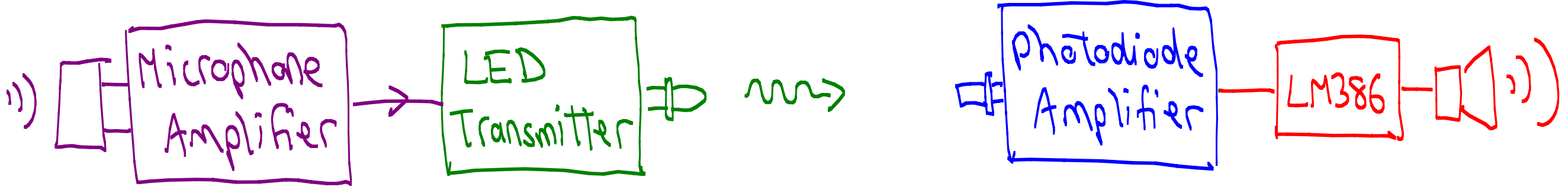


Topic # 2 : Analog Optical Communication Link

2 people

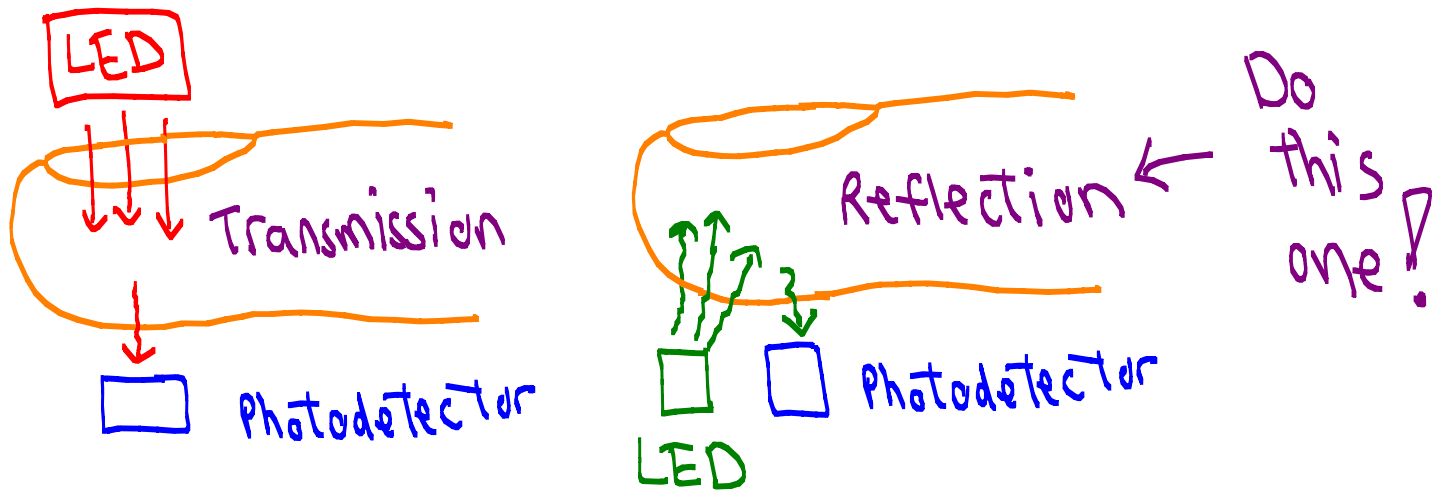


3 people



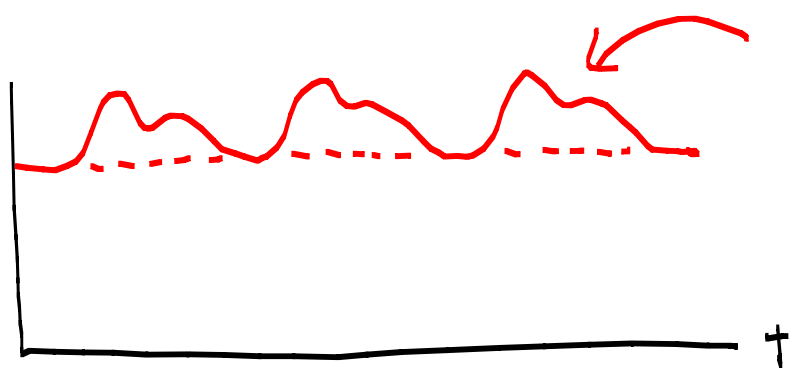
Topic #3 : Optical Heart Rate Monitor

← Technical term is Photoplethysmography (PPG)



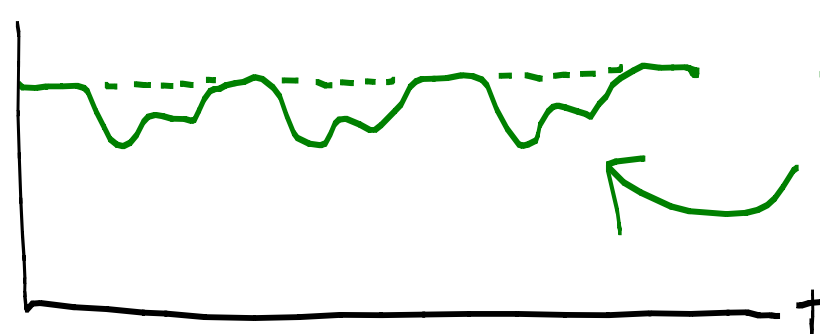
2-person Team

Optical Absorption



Peaks are due to pulsing arterial blood

Detected Signal



Dips are due to pulse

