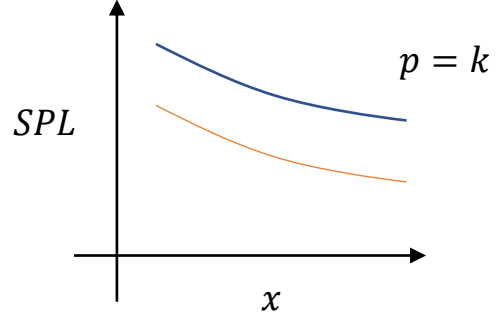


# The effect of distance to SPL on various keyboard types

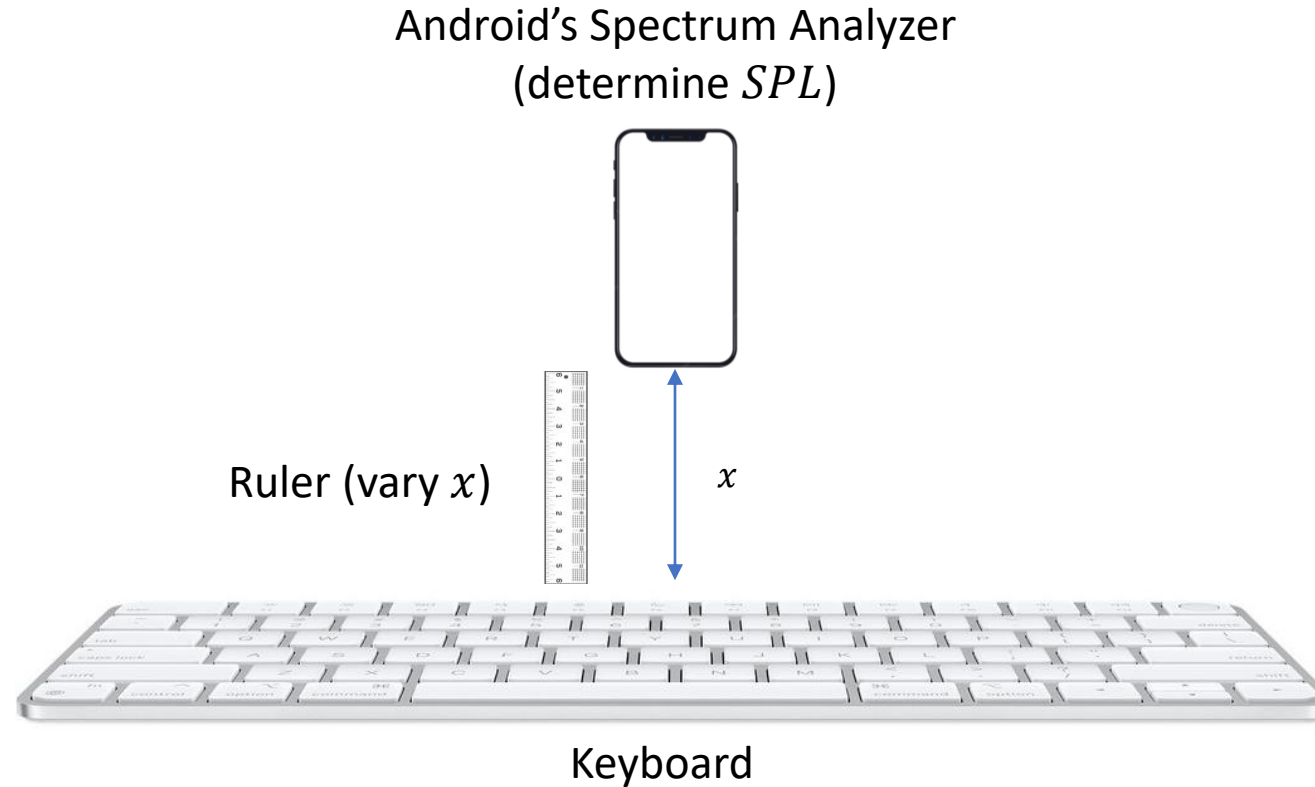
Chinnakrit Kritsanayunyong 6131744121

Dit Dejphachon 6131765321

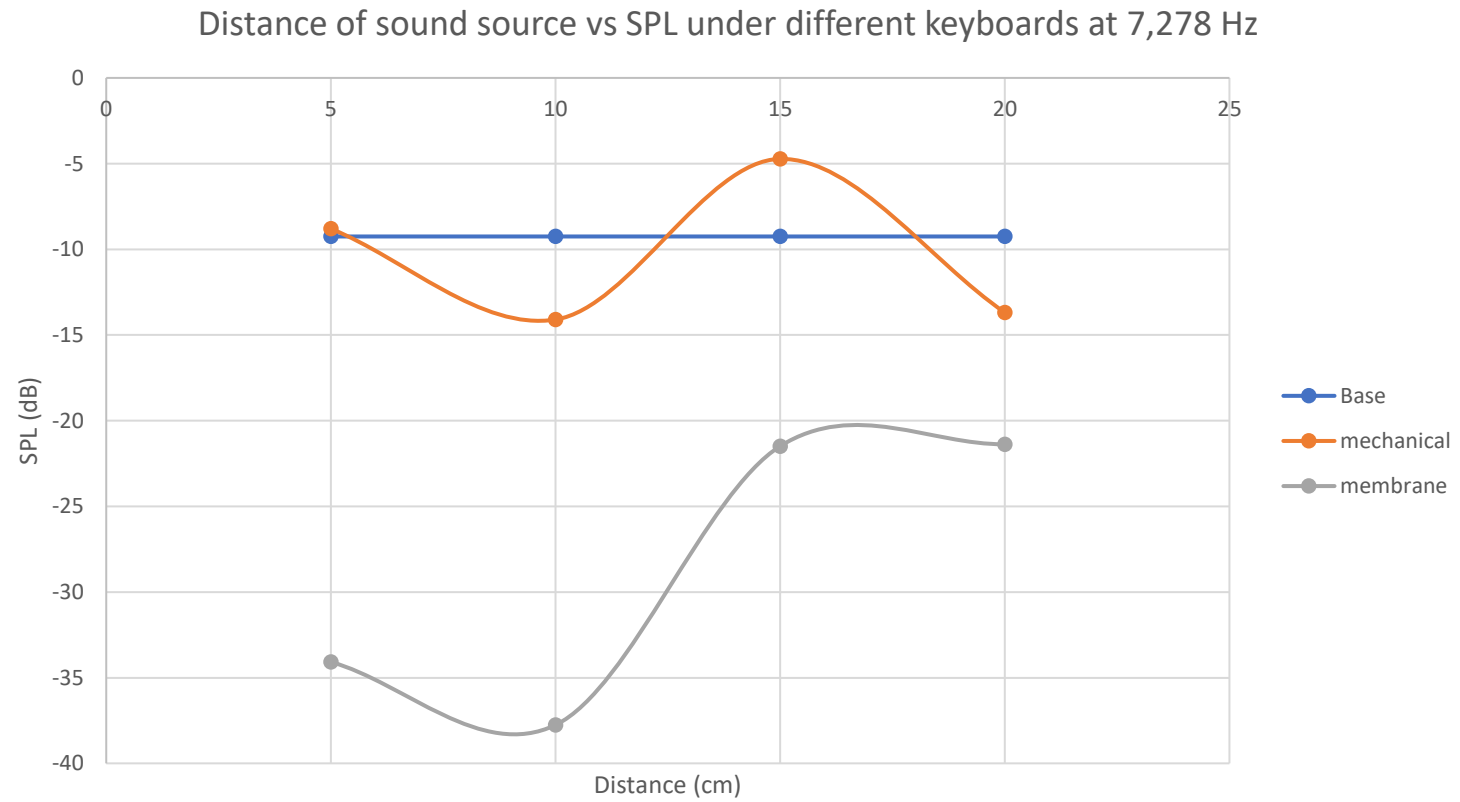
# Objective

Objective Statement	Objective Functional Form	Objective Graphical Representation
To observe the relationship between distance ( $x$ ) and SPL ( $SPL$ ) on various keyboard types ( $k$ )	$SPL = f(x; k; -)$	

# Experimental Principle and Setup



# Result



# Discussion

- The measuring application 'Spectrum Analyzer' has significant amount of noises which could be from the environment and the hardware device.
- The noises greatly affect the measurement.

# Conclusion

- The relationship between distance to SPL is proportional in both keyboards.
- Moreover, the type of keyboard also has an effect on SPL where the membrane generates less SPL than mechanical keyboard.