Demonstration Procedure:

# An email will be sent from the demonstrator’s phone to the domain of the intercom system.

# The intercom system will be run, and the following will be displayed within 20-30 seconds:

# Upon start, the email will be displayed in a web browser (req 4).

# In a console, the tokenized sentenced will be displayed.

# In a console, the part-of-speech tagged sentence will be displayed.

# In a console, the normalized sentence will be displayed.

# In a console, the profanity filtered output will be displayed (req 3).

# In a console, the phonetic transcription of the sentence will be displayed.

# In a console, execution time of the NLP unit will be displayed (req 2).

# Synthesis of the sentence will begin and the synthesized speech will play through a speaker.

# The listener should discern what can and cannot be heard (req 2).

# A pre-recorded synthesized audio and normal voice will then be shown on visualization software.

# The formant features, intensities, and fundamental frequency comparisons will be shown (req 1).