Project 4: Audio Visualization

Goal
Our goal is to create a P2P voice chat application with a visualization of the conversation. The program will perform simple voice processing to determine the mood of the conversation. Based on the calculated mood, images will pop-up on the screen. When “happy” words are said, pictures of flowers or bunnies or unicorns will appear. If “angry” words are said, then pictures of dragons and volcanoes will appear. Both users will have a shared image of the conversation. We also will use the weather in the sky to represent the overall mood of the conversation. Dark clouds will be a sign of a negative conversation. A sunny day will represent a positive, uplifting conversation.

Additional Thoughts
Other possible objects include: lollerskates, bats, rainbows, Sauron, Buster, and anything else we can think of.

Screenshot