The project is a media control center for a computer. Most keyboards have media controls integrated, this is done for ease of use while the user is multitasking. This media center is part of a larger project in which I am creating my own mechanical keyboard. However, this is the most technically challenging part of the project as it involves a specific command interface to be able to send media commands over USB. In this project, there will be a mute button, a rotary encoder that will function as the volume knob, a play/pause button, and next/previous track buttons. This will be a self-contained package that will include an LCD screen to illustrate the current volume level and whether the computer is muted or not.