Foot Phone

The motivation for this phone comes from noticing how busy office life can be. Usually, people working at tech companies are using their hands to type and have their headsets on (listening to music or blocking out noise to concentrate). When a phone call is needed to be made, it can become annoying to take off the headset, stop working, and then spend time dialing the phone number. This phone will be one that can be controlled using the foot and synced with the user’s computer so that there is no need to use one’s hands.

The phone will be sold with a headset and specialized computer software. The phone will look like a circle mat that can be placed under the user’s desk (where the feet are supposed to be). The UI of the phone will consist of an outer circle divided into four different colors (red, green, yellow, and black) and an inner blue circle. The headset of the phone will contain a speaker and a mic. The phone will communicate to the computer through wireless technologies or through a USB (the user will be prompted to which preference they want in setup). On the taskbar of the desktop, a “mini” version of the phone will appear whenever the phone is in use. This will also guide the user in remembering which colors are where on the phone.

After the software is installed on the computer, once the yellow button of the phone is pressed, it will start up. Pressing the yellow button signifies that the user has decided to make a phone call. This will also prevent the phone from starting up whenever a button is accidentally pressed. Once the software starts up, a digital screen will show up on the lower right side of the monitor. This screen will keep track of the number that has been dialed. In order to enter in the phone number, the user needs to press on the blue circle. As the user presses for each digit, the digit appears as “counting up” for each press on the screen so the user know if they have pressed correctly or not. Each press represents a number. Once the user has pressed the correct amount of times, pressing the purple button twice in a row makes the number stay. So, if the user needed to enter in the number 9, the would press on the blue button 9 times and then would press on the purple button twice to record the 9.
Once the user has entered in the number they wish to call, pressing on the green button sends the call. When the user is in a call, the box at the lower right hand of the screen will turn green. Basic functions of the phone will be, pressing the green button to send a call, red button to end a call, yellow button to start the call software, purple button to save a number, and blue button to enter in a number.