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| Name | Description | Task | Status | Story points |
| GUI part I | This task is to create a simple GUI that can detect ports, connect/disconnect them, take an input from the user and be sent out through the serial port when the user clicks send | -create the layout | done | 2/2 |
| -create a port enumerator button that will list out all the available ports | done | 2/2 |
| -create connect/disconnect buttons that will connect/disconnect to the serial port | done | 2/2 |
| -create a text box for the user to input a message | done | 2/2 |
| - create a send button that will transmit the data when pressed via the serial port | done | 2/2 |
| Micro part I | This task involves creating code that will give the teensy instructions on how to process the data coming in from the GUI and then outputting a message on the matrix | * Establish communication with the teensy and the GUI | In progress | 1/2 |
| * Display message | In progress | 1/2 |
| GUI II | This task will give the user more functionality, such as the ability to change color and font. There will be a stop/reset button that will clear the message board, this can also double as a shutdown, the teensy consumes very little power and the matrix when not in use also consume little power, and by making it blank it will reduce the amount of power wasted | * Create 3 sliders for red, blue and green color change | Not yet started | 0/2 |
| * Create a list of font options for the user | Not yet started | 0/2 |
| * Create a stop/reset button   that will send an empty message to make the screen blank | Not yet started | 0/2 |
| Micro II | The task is to build upon the work from micro I to accommodate the new functions by creating instruction for the teensy on how to process the data coming in from the GUI, and output results | * Modify existing code | Not yet started | 0/2 |
| WiFi GUI | This task is to modify the GUI to become wireless. The fundamental of how the data is processed and transmitted will remain the same. More code will be needed to receive and process the data from the teensy to conform an if it was successful or failed through a label or indicator light | * Modify the GUI to become wireless | Not yet started | 0/5 |
| * Create a received indicator | Not yet started | 0/5 |
| WiFi micro | This task is to modify the Teensy to become wireless. The fundamental of how the data is processed and transmitted will remain the same, extra code will be created to transmit a received signal the data will be received through the wifi chip instead | * Modify code to receive and transmit via the wifi chip | Not yet started | 0/5 |
| Total |  |  |  | **12/37** |