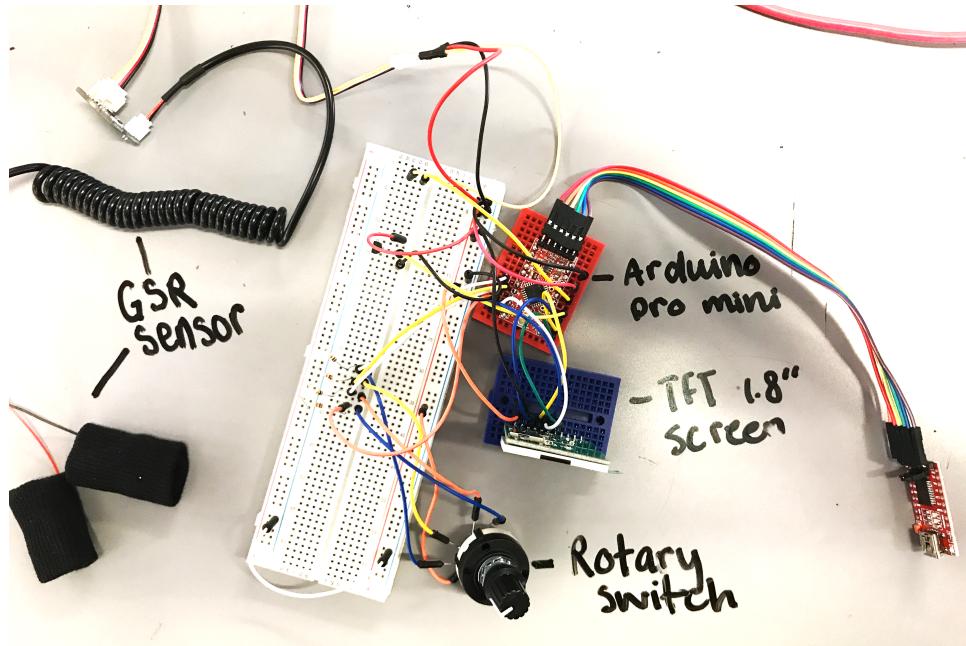


## Function Proof of Concept

Functional Breadboard



<p>Splash Screen</p>	<p>About Screen</p>	<p>Help Screen</p>
<p>Mood Mode Screen</p>	<p>Fortune Mode Screen</p>	<p>Countdown Screen</p>

## *Proposed Concept vs. Proof of Concept*

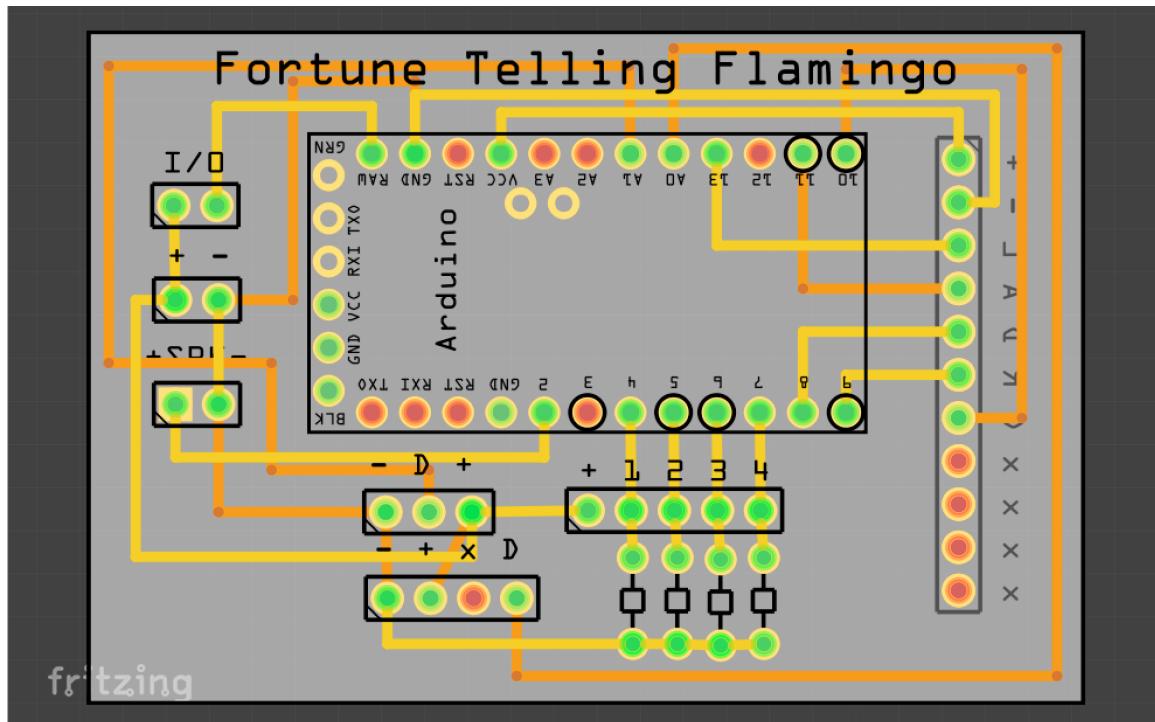
The actual functionality of the Fortune Telling Flamingo is very similar to the proposed functionality. The menu options are navigated by way of a rotary switch on the device and the modes are unified by similar branding. The “fortune” and “mood” modes have essentially the same backbone; however, they provide unique messages. Similarly, the “about” and “help” modes are also almost identical; however, they provide unique information. All of those characteristics were proposed in the “Function Development”.

## *HelloWorld Software*

Libraries included:

```
<SPI.h>
<Adafruit_ST7735.h>
<Adafruit_GFX.h>
<gfxfont.h>
```

## *PCB Design*



## PCB Paper Test

