**Sunday 7th October 2018**

**Work Completed This Week**

Although I don’t plan on starting work on the physical product at least until the end of October, I took this week to start finalizing the items I will need, since I acknowledge that not all of the items necessary will be available locally in the UAE and that some items must be shipped from elsewhere. So far I have decided on everything except for the frame and any materials I may need to mount the display to the mirror/frame. I have compiled a list of everything I have decided thus far (links have been shortened):

* Two Way Mirror (12”x18”)- Amazon- <https://goo.gl/yvx416>
* Raspberry Pi- Souq- <https://goo.gl/P8QVcW>
* 18 inch Display (HP V194)- Souq- <https://goo.gl/iAjHXR>
* VGA Female to HDMI Male Adapter- Souq- <https://goo.gl/jLDnQy>

I should have decided on a mounting method and a frame by the time I write my next journal entry.

**Challenges/Difficulties Faced**

One major challenge I faced this week was having to extrapolate and cross-reference, with other sources, any information I found relating to the dimensions of each of the products. This was especially important, for a project like mine, where the dimensions of each of the parts is absolutely critical to the success of the project. I can’t have a display that is even a quarter of an inch bigger than the mirror, otherwise nothing will fit and I will be forced to scrap the entire project.

**Resources Consulted**

HP Customer Support. 2017. HP V194 18-inch Monitor - Specifications. [ONLINE] Available at: https://support.hp.com/emea\_middle\_east-en/document/c04997206. [Accessed 7 October 2018].

Amazon. 2017. HP V194 18-inch Monitor Amazon Page. [ONLINE] Available at: https://www.amazon.com/HP-V5E94AA-ABA-V194-18-5-IN/dp/B01DN0ELB2. [Accessed 7 October 2018].

Amazon. 2018. 12"x18" Acrylic Two-Way Mirror Amazon Page. [ONLINE] Available at: https://www.amazon.com/x18-Acrylic-See-Through-Mirror-3mm/dp/B07F7L519F/ref=pd\_sbs\_201\_2?\_encoding=UTF8&pd\_rd\_i=B07F7L519F&pd\_rd\_r=b893b8e3-d77e-11e8-943e-3f50e486d3b4&pd\_rd\_w=eiiak&pd\_rd\_wg=nEnnc&pf\_rd\_i=desktop-dp-sims&pf\_rd\_m=ATVPDKIKX0DER&pf\_rd\_p=7d5d9c3c-5e01-44ac-97fd-261afd40b865&pf\_rd\_r=VP87ZNSZ4YF4VT6Y75R2&pf\_rd\_s=desktop-dp-sims&pf\_rd\_t=40701&psc=1&refRID=VP87ZNSZ4YF4VT6Y75R2. [Accessed 7 October 2018].

**Evaluation of Progress**

I am satisfied with my progress thus far and hope to have all the materials finalized and ready to order before my next journal entry.