



FEBRUARY 2020



APPLICATION PROGRESS

During this time, we completed our amalgamation. This included adding the seekbar functionality into the new, cleaner amalgamation. The app was fully functional as a stand-alone music player. Additionally, the new functions of skip, repeat/loop, and shuffle were completed towards the end of the month. Playlist functionality began development and was mostly completed by the end of the month. This included a custom object class which had variables to hold unique playlist information, such as ID and name. Users could now add songs to playlists, create new playlists, and edit playlists to remove songs or change the playlist name.

BLUETOOTH PROGRESS

A robust connection between the BLE chip and a mobile device was achieved and allowed the sending of data. However, it was messy and impeded other functionality due to this. The code entered clean up, which improved this and allowed for data to be transmitted between the application itself and the BLE chip rather than just the device.

FAIR PROMOTIONAL MATERIAL FINALIZED

The promotional materials for the fair were created to help display the branding of and promote our product. For this, we created a main poster which would be used for our advertising and giving the public a general understanding of our product and brand. We created branded t-shirts previously, which were seen in our Alpha presentation, and were to be worn on Fair Day. Our website was launched and showcases all aspects of our project while keeping with our brand and product. Lastly, we created a teaser video which demonstrates the fundamental aspects of our product and who we are.





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STYLIZATION & REFINEMENT OF FINAL PROTOTYPE COMPLETED

We also finalized the style and look of the final prototype. The neckband was painted in black and yellow, cushioning was added to the back clip for increased comfort on the neck, and the gooseneck tubing was installed within the prototype.

FAIR DAY PLAN FINALIZED

For the fair plan, we created a document finalizing all plans, materials and requirements. This included our set up and room plan in order to achieve our desired look and feel for showcasing our product. A 3D mockup was created in order to help visualize our set up. Furthermore, we finalized all of our promotional materials, including the main required poster, branded shirts, our website, a demo video, and an image of our product.

