

Culmination: Arsenic, Old Lace, Mixing, And Recording

By: Zachary Gerardi





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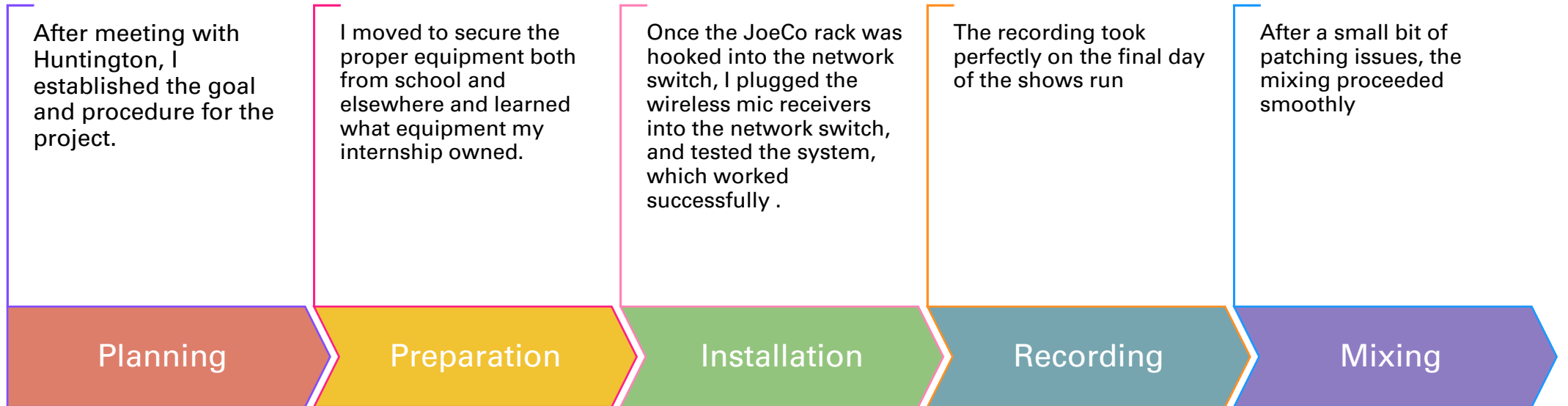




Introduction

This project consists of recording a show using the JoeCo multitrack recording devices, taking the recording back to City Tech and line by line mixing the show as if it were live. This project will start the recording process on April 10th, wrap up on April 23rd, and the mixing portion will occur on May 9th. This project will utilize The JoeCo recorders, a network switch to connect the JoeCo to Dante, as well as the wireless mic receivers, the CL5 residing in the Vorhees theater, and the existing Dante and sound systems there.

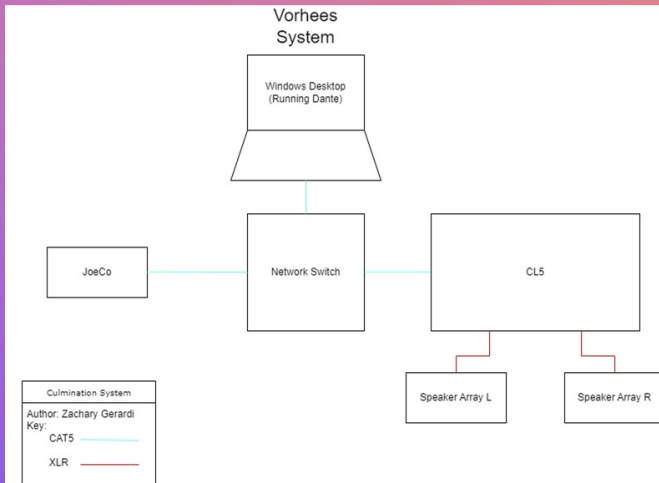
Work Breakdown



Calendar

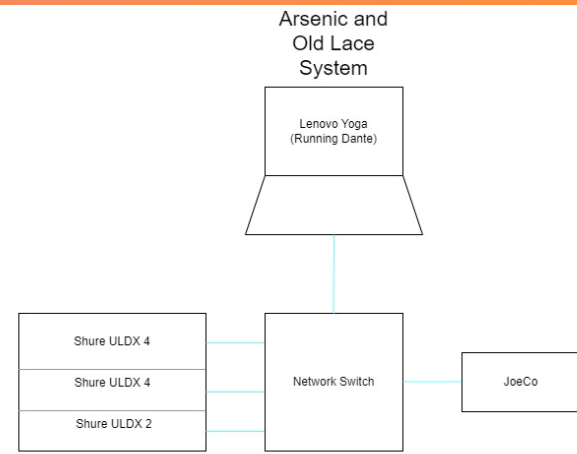
April						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4 Equipment check out	5	6	7	8
9	10 COVID Recording 1	11 COVID	12 COVID	13 COVID	14 COVID	15 COVID
16 COVID	17 COVID	18 COVID	19 COVID	20 COVID	21 COVID	22 COVID
23 Final Recording	24	25	26	27	28	29
30						

May						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 Mixing Practice	3	4 Mixing Practice	5	6
7	8	9 Final Mixing	10	11	12	13
14	15	16 Presenting	17	18 Poster Session	19	20
21	22	23	24	25	26	27
28	29	30	31			



Culmination System

Author: Zachary Gerardi
 Key:
 CAT5 —————
 XLR —————



EQUIPMENT

- A. School Equipment
 - 1 x JoeCo
 - Rack currently at blue table
 - 8 x CAT5 @ 10'
 - 1 x Cisco 8 port Network switch
 - CL5
 - Current Sound and Network System
- B. Internship Equipment
 - 12 x Shure ULDX 1 Wireless Mic Transmitters
 - 1 x Yamaha MGXU 20 mixer
 - Shure ULDX Wireless Mic Receivers
- C. Personal Equipment
 - Lenovo Yoga Laptop
 - WD External Hard
 - USB – C to CAT5 converter

Video



https://www.youtube.com/playlist?list=PLsDQO83iO_njEgByM8-cNQpm4JCm6jbVa

Content

The Good

- The recording was high quality and easy to work with
- Following the script closely ensured smooth transitions through the whole show
- Microphones picked up the very few sound effects, so Qlab was not needed

The Bad

- One interruption from a janitor caused a missed mute.
- Feedback was captured by mic in room when show was recorded, I did my best to mitigate it with EQ but I could only do so much

Obstacles

1. Technical Issues

- The mixer used by the production company didn't have network out, so I had to use the network out on the receivers themselves, however this ended up being a blessing, because it gave me the raw signal, rather than the mixed signal the board would have
- During the initial test recording, I hadn't armed two of the channels for recording on the JoeCo. This was easily rectified on future recordings.

2. Covid-19

- While attending the tech rehearsal, I had contracted Covid. Not only did this keep me bed ridden, but it was also during the run of the show. Luckily, on the last day of the shows run, I had tested negative. However, the fatigue from the illness impacted my ability to work on the project, as well as my other classes.

Conclusion

In the end, I was able to successfully establish a functioning network system at the internship, record the show, and bring it back and mix it.

The system worked as intended

The recording took as intended and was useable in our system.

Mixing the recording and recording the footage went off without a hitch, except for one minor interruption from a janitor

I reinforced the idea that this is what I want to do for a living, which I suspect was Huntington's goal when suggesting this as a project.





THANK YOU

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BY: ZACHARY GERARDI

