

**Summary:**

For the culmination project, I will replace the background music and add sound effects to the second episode of "Tom and Jerry" that came out in 1941. The purpose is to update the quality of the sound so that it is more appealing to newer audiences. Inspiration for this project was to make these older forms of entertainment appeal to newer generations. Over the generations, there have been many rereleases of older movies with enhanced visuals and audio, remasters of older video games with enhanced visuals and audio, and rereleases of older music that is digitally remastered. I used to watch these cartoons when I was younger, but realized that there is a lot of white noise, (the static/hissing sound), and an overall fuzzy quality to the sound. Also, it lacks certain sound effects for some of the action on screen, like when Jerry is throwing punches or when Tom is stacking dishes on top of Jerry's cheese while he is carrying it. This lack of quality can make older cartoons unwatchable to generations that missed out on experiencing them. The advances in audio/video technology and recording makes older content unattractive to new audiences that are used to the current standards. This project will also help me build experience as an amateur video editor.

**Project Description:**

In order to modernize the cartoon, I will replace the background music with higher quality music that matches the mood of the original. If possible, I will use high quality versions of the same music. Where that is not possible, I will use a modern substitute for the original music. Second, I will add sound effects that are missing in the original episode for all the action.

**Methods:**

1. Watch 3 minutes episode of “Tom and Jerry”
2. Make a list of all the unique music segments, their duration, and timestamps
3. Make a list of all the unique sound effects, their duration, and timestamps
4. Download the episode from YouTube (Using YouTube2mp3 or the YouTube Premium subscription.)
5. Note the audio quality information
6. Search for higher quality versions of the original music and sound effects (Using <https://pixabay.com/> and/or other online sources)
7. Obtain higher quality versions of similar music and sound effects if originals can't be found
8. Trim high quality audio to fit the duration of the original audio track (Using Better Audio Editor)
9. Replace original audio with higher quality audio in the proper timestamp locations. (Using DaVinci Resolve or Adobe Premiere Pro)
10. Compile new version of “Tom and Jerry” episode. (Using DaVinci Resolve or Adobe Premiere Pro)
11. Create Poster
12. Create PowerPoint Presentation

**Deliverables:**

- Original, unedited episode 2 of “Tom and Jerry” from 1941
- Edited cartoon with updated audio
- Gantt Chart
- List of Sound Effects
- List of Music
- Citations List
- Poster
- Open Lab Portfolio
- PowerPoint Presentation

**Required Resources:**

- Laptop computer (Lenovo IdeaPad Flex 5)
- Original Tom and Jerry Cartoon
- Better Audio Editor
- YouTube2mp3
- <https://pixabay.com/>
- DaVinci Resolve or Adobe Premiere Pro
- Video Editor (Me)

**Estimate:**

<b>Item</b>	<b>Cost</b>	<b>Duration</b>	<b>Total</b>
Video Editor	\$20/hr	10 Hours	\$200
YouTube Premium Subscription	\$11.99/month	1 month	\$11.99
Laptop Computer	\$524.99	N/A	\$524.99
Adobe Premiere Pro	\$20.99/month	1 month	\$20.99
<b>Total Cost</b>			<b>\$757.97</b>

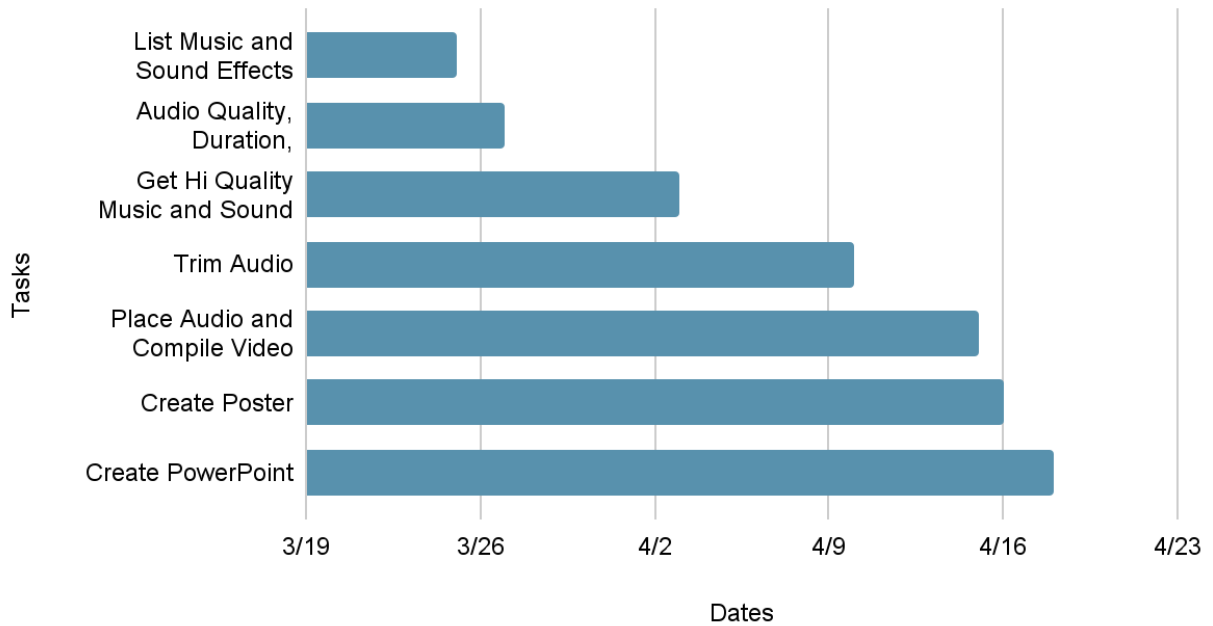
- Video Editor (\$20/hr)
- YouTube Premium subscription - \$11.99/month
- Laptop Computer ( IdeaPad Flex 5) - \$524.99
- Adobe Premiere Pro (\$20.99/month)
- DaVinci Resolve (Free)

**Total:** \$557.97+ (\$20 x 10 hours) = **\$757.97**

**Calendar (Gantt Chart):**

<b>Task</b>	<b>Start</b>	<b>End</b>	<b>Duration</b>
Download Watch and List all the unique music and Sound effect segments of the 3 minute episode of "Tom and Jerry"	3/25/2023	3/25/2023	1 Day
Note the audio quality information, segment durations, and timestamps	3/26/2023	3/27/2023	2 Days
Search for and Obtain higher quality versions of the original music and sound effects	3/30/2023	4/3/2023	5 Days
Trim high quality audio to fit the duration of the original audio track	6/6/2023	6/10/2023	5 Days
Replace original audio with higher quality audio in the proper timestamp locations.	6/12/2023	6/14/2023	3 Days
Compile new version of "Tom and Jerry" episode.	6/15/2023	6/15/2023	1 Day
Create Poster	6/16/2023	6/16/2023	1 Day
Create PowerPoint Presentation	7/16/2023	7/18/2023	3 Days

## Binns Gantt Chart



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**Culmination Project Agreement:**

This Project Management agreement is between technical advisor Matt Werden and project manager David Binns. David Binns will oversee the completion of the project from beginning to end. At the end of the project payment must be received in cash only within 2 days. Any changes to the details listed above for this project must be approved by both parties.

\_\_\_\_\_  
David Binns (Project Manager)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Matt Werden (Technical Advisor)

\_\_\_\_\_  
Date