Introduction to Digital Media

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Project Type: Video
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Hardware Used:

Operating System: Windows 10
Memory: 8GB Ram
Graphics Card: Intel Graphics 530
Processor: Intel I5
Video Camera: iPhone 7

Software Used:

Movie Maker
Audacity

Project links:

This is the Project link before peer evaluation:
https://youtu.be/lwVPjfGUX4c

This is the Project link after peer evaluation:
https://youtu.be/BZKtt4kG2Q4

Project Description:

Movie Maker
I recorded several videos and photos of my class working on a pi day activity on my iPhone. I
then uploaded all the photos and video to Google Drive. Next, I uploaded all the video and
photos into Movie Maker.

Once I had everything uploaded I played the movie and organized everything into the correct
order that I wanted by just dragging and dropping. My video was over 3 minutes so I needed to
eliminate some portions. I went through and watched the whole sequence again picking my
favorite scenes and deleting the others. I was still well over 60 seconds. So then I started to
shorten some of the video clips, highlighting my favorite moments. I did this by selecting the
clip and then clicking on Edit Video Tools. I then used the trim tool to trim the section down. I
continued doing this with other video clips until I was under the 60 second limit. Some video
clips I trimmed the beginning or the end and others I trimmed on both ends.

I wanted to add some captions to some of the photos and videos so I clicked on caption on the
home ribbon. This allowed me to add captions. I could then change the font, size and color of

the font using the Format Text Tools. I could also set the start and end time of the text and choose a transition for the text.

To add transitions between the videos I clicked on animations and chose the transitions that I wanted between the slides. I clicked on the spot between the two video clips or photos that I wanted to add a transition to and then chose the appropriate transition. I was sure to include a cut and a dissolve as some of the transitions.

I then added my audio track from Audacity (see below). After I added my Audacity file I realized that the audio from my video recordings was still there so I went through all my videos and turned the video audio to 0 so you could only hear the audio file and not my class talking.

Audacity
I recorded different students reciting off all the digits of pi that they knew. I also downloaded the song A Song About Pi from the Microsoft Store. In Audacity, I edited the clips of the students reciting the digits of pi so that they went together smoothly and then added in the pi song that I purchased. I cut off part of the beginning of the song and added the students reciting the digits of pi during the instrumental portion of the song. I used the envelope tool to soften the music while the students were reciting the digits of pi. The instrumental portion of the song was longer than I needed so I cut a portion of it out so we could hear more of the song. I also faded the end of the song so it did not stop so abruptly.

Peer Evaluation Feedback:

Peer 1: Mandy Rodgers suggested that I try some new methods to trim my file to reduce my file size. Some of the methods included trimming my video, watching a video to create a custom "render" setting of my video or changing the height and width ratios. She also suggested lengthening the time of my credits at the end as she was not able to read all of it before it disappeared.

Peer 2: Gregory Bettis said that my video looked a bit grainy but other than that I met all the requirements. Aubrey Williams suggested I look at ClipChamp .com to compress my video.

Peer Review discussion:
Overall, everyone liked my video but I did decide to make a few changes to improve my video.
1. I did lengthen my credits at the end and change the transition that I used with the credits.
   The transition adds a background to make the text easier to read over the last photo and
   the longer length gives a viewer more time to read the text.
2. I watched the video on custom "render" settings and used the link Mandy gave me to
   adjust my video dimensions. I went to File → Save Movie → Create Custom Setting. I
   then used the file Mandy suggested to play with the width and height of the video. It
   took a few tries to find something that would save my video under 10MB but I finally
   found it. I started off with the email settings and changed the width to 320 and the height

to 240. I left the bit rate and frame rate the same. This changed my file size to 9,995 KB. The video is still a bit grainy but it is better, I think due to using better dimensions (multiples of 16).

3. Then I decided to go to clipchamp.com to see if I could get any better video quality while still meeting the requirements. I logged on and then uploaded my original video file. I adjusted the video settings to a resolution of 480p and a quality of medium. I then saved the video to my computer. The original size of my file was 35.43MB and the new size was only 4.81MB and it was not grainy at all! This is the version that I will turn in!

I really enjoy learning from others in this class. I would have never known about clipchamp.com if it weren't for the peer feedback process. I can think of many uses where this would come in handy.

Copyright Notices, if needed: I used A Song About Pi by Lucy Kaplansky in my video. Kaplansky, Lucy. *A Song About Pi*. 2013.

Screen shot: