

Western Washington University

Alumni Video Donations (AVD)

AVD Senior Capstone Firebase Storage Documentation

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WWUCSGiving Firebase Structure

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1. Getting Started

As soon as you create a Google Firebase account and get access to the WWUCSGiving Dashboard, go to the Build dropdown tab and click on “Storage.” The file structure is shown below. All clips, photos, and music were obtained from a Zoom Q8 Handy Video Recorder and a Canon EOS 5D Camera. These can be rented from the Classroom Services at HH 114.

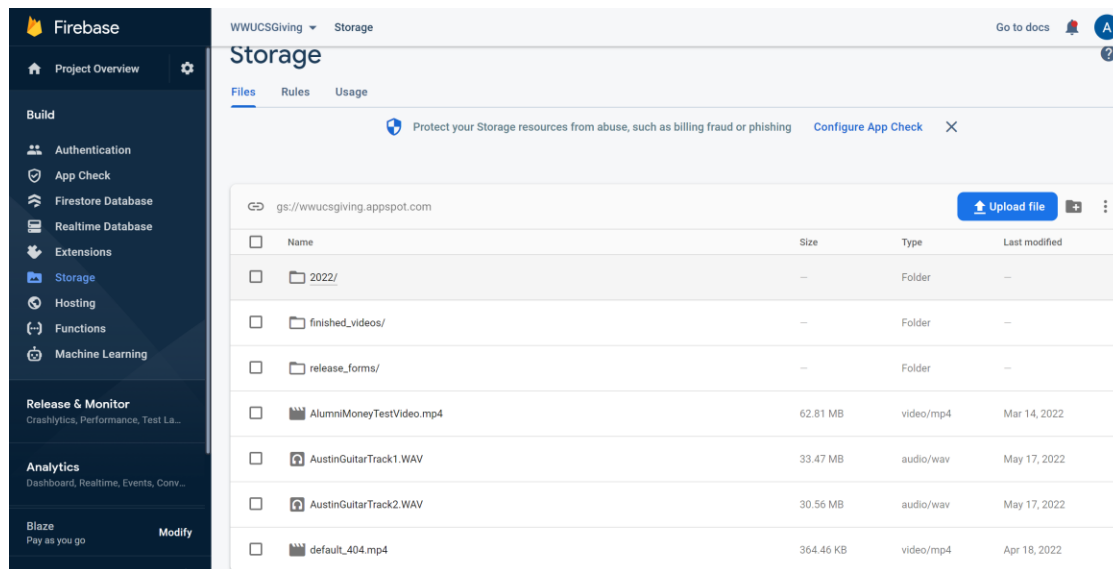
Instruction Manual Links:

Canon EOS 5D Camera –

<https://gdlp01.c-wss.com/gds/6/09000000316/01/EOS5DIM-EN.pdf>

Zoom Q8 Handy Video Recorder -

https://www.zoom.co.jp/sites/default/files/products/downloads/pdfs/E_Q8.pdf



2. Firebase Navigation

I. 2022 –

- a. **clips** – .MOV videos taken by the Zoom Q8 Recorder and are referenced by the main program during the weaving process. The program selects clips to be taken out at random.
- b. **photos** – Photos of classes and faculty taken using the Canon EOS 5D, who agreed to sign release forms prior to having them recorded or photographed.
NOTE: These are deprecated and no longer used in the final product. They may

be repurposed or reused by future developers.

- c. **thankYouClips** – .MOV videos taken by the Zoom Q8 Recorder and are referenced by the main program during the weaving process. The program will select one of these clips at random and stitch it onto the end of the video before the QR code displays.
- II. **finished_videos** – All videos generated by the main program are placed here as .mp4 files.
- III. **release_forms** – Signed release forms collected by faculty, students, and clubs who agreed to be part of our video creation process. An example of these release forms is pictured below.

Western Washington University (WWU) Name/Photo Release Form

During or after attending WWU, articles about you as a WWU student and/or computer science student may be written which include your name and/or picture. We ask for your permission to be able to use your name and/or picture in any WWU and/or Computer Science specific articles and on the crowdfunding site VikingFunder, other WWU websites, social media accounts, videos, and emails.

Employee Signature: _____ Date: _____

Printed Name: _____

- IV. **AlumniTestVideo.mp4** – The output from a beta test of our video weaving program that incorporates slides, photographs, and video snippets.
- V. **default_404.mp4** – The AVD website will automatically display this video off Firebase if a video in the “finished_videos” folder can not be found.
- VI. **AustinGuitarTrack1.WAV** – A royalty-free, copyright-free recording of a guitar track by Austin Morin and may be repurposed or reused by future developers.
- VII. **AustinGuitarTrack2.WAV** - A royalty-free, copyright-free recording of a guitar track by Austin Morin and may be repurposed or reused by future developers.