Alumni Video Donations

Milestone 4

February 25, 2022

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CSCI 492 with Dr Nelson

General Progress Report

We have gathered enough content for our project that we will be able to make a decent amount of unique videos for the thousands of alumni and donors. We are always seeking more content and will continue to encourage students to film for us. After previous discussion with our client about using Google's Firebase as our storage platform, we have finally received access to the university owned Firebase and are looking to migrate our content and pivot our programs off of our personal testing Firebase. The website is fully operational and only needs to be stylized, and the videos can be woven by our weaver program. We are in the process of optimizing it and have to upload and download from the storage space.

Team Accomplishments

- Acquired adequate content for our project
- Gained access to the university run storage space
- A base website that displays the name and unique video in the URL
- Class photos of all but one of the senior project series
- Created a demo video that closely resembles the final product

Goals Met

- Get interviews from more than five people before May
- Have a functional proof of concept website working with video and name of the recipient
- Get access to Professor Jagodzinski's Firebase account that will be used for the remainder of the project
- Create a Python program that downloads files from a Firebase account
- Create a demo video

Goals Not Met

- Bare-bones completed project
- Client has not had the chance to test the program
- Combine the functionality of splitter.py, upload-db.py, test-csv.py, and weave.py into a single program
- Have a Python program that uploads files to a Firebase account

<u>Updated Expectations</u>

See Quarter Plan-Milestone 4 for more

Week 9 (Feb 28 - March 4)
- URL hashing
- Work on documentation
- Clean up git repo
- Migrate to Universities Firebase
- Refine splitter - remove empty space before and after speaking
- Refine weaver - nail down upload and download
- Recording sessions in 163/wild, and class pictures

Week 10 (March 7 - March 11)
- Let client test the program
- Work on documentation
- URL hashing
- Refine splitter
- Refine weaver
- Content gathering: Recording sessions in 163/wild, and class pictures
- **Milestone 5** on March 11 (Friday) - Program complete (still have to debug), using the final place to store snippets and videos
- Plan presentation

<u>Branch Description</u>
- master - All the most current project work is pushed to this branch (testing code, planning documents, sample videos, etc.). Everything will eventually be migrated to a Firebase account as well.
- MS-2 - All project work pushed before Milestone 2's date.
- MS-3 - All project work pushed before Milestone 3's date.
- MS-4 - All project work pushed before Milestone 4's date.

<u>Team Member Accomplishments</u>

- **Simone Davison - (Hours worked: 40):**
    - Held recording sessions
    - Took class photos
    - Researched and began implementation of upload and download between python and Firebase

- **Andrew Lanum - (Hours worked:)**
    - Participated in recording sessions and class photos
    - Created basic website to retrieve and display videos from firebase
    - Created/edited basic "proof of concept" video to show to client
    - Began working to move firebase from test account to real account

- **Austin Morin - (Hours worked: 34)**
  - Interviewed students in various parts of the CF building and tested videos of teammates in rooms with differing acoustics.
  - Recorded videos in CF 163 and ensured that the tech was up to our standards.
  - Took a class photograph of Professor Clauson's Senior Project section.
  - Handled student release forms.