

WEEKLY REPORT - 4

Vrushank Agrawal	<p>What I did:</p> <ul style="list-style-type: none"> - Merged the code from all branches into main, cleaned git repository and formalized a way for clean code writing to avoid future clashes - Made OpenCV and QT running on all macs - Tested and improved collage creating functions for two images - Finalized image rotation and resizing functions - Created error messages for corrupt or unreadable files - Began image class integration with GUI <p>What I will do:</p> <ul style="list-style-type: none"> - Finalize collage functions for 2, 3, and 4 images - Integrate Image and Video parts - Add default images in the application and initialize them - Make OpenCV running on all windows
Duy Nhat Vo	<p>What I did:</p> <ul style="list-style-type: none"> - Added image and audio thumbnail list - Added image and audio import - Integrate OpenCV image library - Refactored gui main files <p>What I will do:</p> <ul style="list-style-type: none"> - Integrate internal image library - Integrate audio library - Add image and audio slider
Lucia Carai	<p>What I did:</p> <ul style="list-style-type: none"> - Worked on animation function to add image in a certain part of the video given a certain time interval - Researched how to separate images and audio from imported video file - Updated the Trello - Met with subteam and group leader <p>What I will do:</p> <ul style="list-style-type: none"> - Continue working on new animation functions - Implement the separation of images and audio - Solve clion issue that came up on mac
Dimitri Korkotashvili	<p>What I did:</p> <ul style="list-style-type: none"> - Added functionalities to the video class, which enables us to add animations, display videos, create videos, add images to the video and so on. - Met with image people and discussed some topics which are needed for using image class in video class.

	<p>What I will do:</p> <ul style="list-style-type: none"> - Use image class created by us in video class instead of Mat objects. - Modify zoom animation and hopefully add some other animations as well.
Lasha Koroshinadze	<p>What I did:</p> <ul style="list-style-type: none"> - Successfully compiled and ran OpenCV - Integrated audio libraries - Modified the main audio class constructor in order to read raw .wav files directly into a byte array <p>What I will do:</p> <ul style="list-style-type: none"> - Create resampling functions to be able to merge two audio files - Use 3rd party library to decode mp3 files into .wav - Implement FFT functions for visualization
Hieu Le	<p>What I did:</p> <ul style="list-style-type: none"> - Tried to display image thumbnails but had troubles - Made the audio and image slider <p>What I will do:</p> <ul style="list-style-type: none"> - Combining the UI with functionalities
Minh Tung Nguyen	<p>What I did:</p> <ul style="list-style-type: none"> - Merged the code from all branches into main, cleaned git repository and formalized a way for clean code writing to avoid future clashes - Made OpenCV and QT running on all macs - Add forward, backward, and slider to preview <p>What I will do:</p> <ul style="list-style-type: none"> - Fix bug clicking slider make it stop working - Research how to drag images to a widget
Minjoo Kim	<p>What I did:</p> <ul style="list-style-type: none"> - Created dialogue box window using QT design - Made the project run on macOS <p>What I will do:</p> <ul style="list-style-type: none"> - Add button functionalities for image functions
Hayate Sasaki	<p>What I did:</p> <ul style="list-style-type: none"> - Downloaded Opencv and tried to set up on MacOS - Researched on Audio functions and chose one to use <p>What I will do:</p> <ul style="list-style-type: none"> - Confirming OpenCV and the program is working on macOS

	<ul style="list-style-type: none"> - Implementation of Audio functions
Yufei Liu	<p>What I did:</p> <ul style="list-style-type: none"> - Finalize the installation of Clion - Rearrange the commits on git for future collaboration - Have the basic structure of ZoomAnimation <p>What I will do:</p> <ul style="list-style-type: none"> - Test and finalize ZoomAnimation - Start writing another animation
Yi Yao Tan	<p>What I did:</p> <ul style="list-style-type: none"> - Installed Clion and OpenCV on mac - Reorganized collage class and created stitching functions <p>What I will do:</p> <ul style="list-style-type: none"> - Debug all the collage functions and finish two way, three-way, and four-way stitching.