WEEKLY REPORT - 5

Vrushank Agrawal	**What I did:** - Fixed image resizing functions - Finalize and test the 2 and 3 stitch collage functions - Integrated image and video parts **What I will do:** - Add default images in the application and initialize them - Create an initial video with audio bpm
Duy Nhat Vo	**What I did:** - Added timeline for the audio and the image parts - Create the testing environment for the timeline and test the functionality **What I will do:** - Add functionalities to the QT buttons - Import audio and connect it with the audio lass
Lucia Carai	**What I did:** - Created image adding function in a specific time slot in a video - Research ways to bisect a video into image and audio **What I will do:** - Create a function to bisect the video into image and audio and initialize them as objects
Dimitri Korkotashvilli	**What I did:** - Researched how to write video faster(still without solution). - Edited a bit the video class functions. **What I will do:** - Change structure for the video class. - Test all the animations and probably the working structure for them. - Merge everything into main.
Lasha Koroshinadze	**What I did:** - Successfully compiled a third-party source code into a static library and imported it to the project. - Created a helper class to simplify audio conversion between different formats. - Optimized audio input/output handling and storing in the arrays on heap. - Built a raw audio merge function (not tested yet).

	What I will do: - Test the merge function. - Create a method for cleaning extra noise from converted audio files. - Use implemented FFT functions to create frequency domain graphs.
Hieu Le	**What I did:** - Fix UI bugs and connect buttons with functionalities **What I will do:** - Further implement functionalities
Minh Tung Nguyen	**What I did:** - Created the timeline by using QGraphicsView and a time indicator - Connect the indicator to the progress bar so that it will run when we run the video **What I will do:** - Finish the timeline with the dragging image and handle the event for the image in the timeline
Minjoo Kim	**What I did:** - Researched ways to connect the functions from image class to QT buttons in the GUI **What I will do:** - Try to connect image blur functions
Hayate Sasaki	**What I did:** - Confirming OpenCV and the program is working on macOS - Implementation of basic Audio functions - Confirmed QT running on macOS **What I will do:** - Optimization of the audio functions - Test compatibility with the whole program
Yufei Liu	**What I did:** - Created rotating animation - Researched on ways to resize animations and create other animations **What I will do:** - Create resizing animations and integrate it with the video class
Yi Yao	**What I did:**

Tan	- Created 3 and 4 pictures collage functions - Imported external libraries to support the stitching functions **What I will do:** - Make the 4 picture collage function recursive and efficient