WEEKLY REPORT - 2

Vrushank Agrawal	**What I did:** - Created basic Image class header file and initialised image.cpp - Wrote cmakelists to integrate image subdirectory in the main directory - Successfully integrated OpenCV with the project and wrote the setup requirements for Windows in readme.md - Created testing environment for OpenCV to allow user to check if OpenCV runs smoothly **What I will do:** - Integrate OpenCV in the GUI - Test the image class functions in separate environment - Meet with image and video teams to finalize different features to add in the application - Meet with each pole leader and understand their progress and setbacks
Duy Nhat Vo	**What I did:** - Built the basic structure of the GUI - Split the GUI building tasks to GUI team members - Researched on how to add video preview - Researching on why QtMultimedia (to make the video preview) is not supported on some machines - Created slack channels for Pull Requests and Issue Reporting **What I will do:** - Figure out how to make QtMultimedia available on all machines or how to make an alternative - Add functionalities to the GUI - Meet with the GUI team to discuss how to build the UI
Lucia Carai	**What I did:** - Created a first version of the video class - Familiarized myself with CLion and OpenCV and (but still facing some problems to get opencv working properly on mac) - Met with the image and video subgroup to coordinate tasks - Structured and updated the trello and made sure all team members know what they are doing **What I will do:** - Get openCV running properly on mac - Start working on more functions for animations for the video class (and hopefully be able to test them) - Keep the trello updated and explore some more functionality and encourage team to use it more to track their tasks (perhaps

	through notifications)
Dimitri Korkotashvilli	**What I did:** - Got working opencv with mingw on windows and created basic working space for video group - Did a research on the opencv library and how to work with it, also tested some simple stuff. - Was at the video group meeting and discussed the animations we are going to add **What I will do:** - Test the functions that others wrote, and create a simple video function - Help vrushank to get openCV on MacOS(If needed)
Lasha Koroshinadze	**What I did:** - Researched installed a library called Aubio for audio and digital signal processing - Setup cmake to include the static library as well as header files - Run basic library testing methods **What I will do:** - Fully integrate the library and create a final cmake - Create an audio namespace, class and function bodies
Hieu Le	**What I did:** - Built the basic structure of the GUI - Researched on how to add image preview **What I will do:** - Built the image preview - Add functionalities to image preview
Minh Tung Nguyen	**What I did:** - Getting CMake works on Mac, as well as finding a way to make it works for different computer by setting up flags in CLion - Find out why menu bar is not appear on MacOS and figure out how to fix it **What I will do:** - Create a basis look for the User Interface - Meet with other members in GUI team to discuss about the UI
Minjoo Kim	**What I did:** - Built detailed design of menu bar - Revised on how to use github - Researched on how to design the basic application outlay using QT (and CLion) - Researched on how to implement dialog

	What I will do: - Meet with other members in the GUI team to discuss the UI. - Implement dialog.
Hayate Sasaki	**What I did:** - Researched Audio Processing Framework and familalized with it. - Making use of Cmake and getting ready to make files with it. **What I will do:** - Make files using Cmake and implement functions. - Work on to create a class and function of audio.
Yufei Liu	**What I did:** - Create the header file and cpp file for video animation. - Implemented the zoom_image function - Create the class Coordinate **What I will do:** - Adapt the code to image class - Test the code with opencv
Yi Yao Tan	**What I did:** - Installed OpenCV - Implemented the save image, rotate, resize, blur, boxblur, gaussianblur, and median blur functionalities based on the documentations. **What I will do:** - Test my functions with vrushank - Integrate opencv with the GUI - Test the Opencv functions on mac.