1. Essential Resources to Recreate Program:

A. Install all necessary python libraries

-Ensure that you have all the necessary libraries needed to run the code (the libraries needed can be seen at the very top of the code)

B. Use the "requirements.txt" file, if necessary, to install necessary python libraries

-We suggest to install the libraries separately without the 'requirements.txt' file as some packages within that file may be unnecessary for this project
-Besides, there are not a lot of new libraries to install

C. Make sure to install CMake

-Link: https://cmake.org/install/
-After doing so, make CMake accessible through the command line.

D. Make sure to have Visual Studio installed on your machine

- Please ensure to select the "Desktop Development with C++" (under Workloads) on your Visual Studio (especially for Windows Users)

2. Common/Possible Errors

A. When rerunning the program after adding new images to the "People" folder, sometimes, the code would not work as ".DS_Store file" would be added to the "People" folder.

-If this happens, simply remove the ".DS_Store file" by generating your command line on that directory.
-For MacOS users, you may refer to this link:
https://macpaw.com/how-to/remove-ds-store-files-on-mac

B. When running the code, it says that "dlib has to be installed."

-Especially for Mac Users, this happens as you do not have CMake installed on your machine. Please do so to avoid this error.

C. Lack of Persistence - Immediately giving-up when command line shows errors

-It took the group nearly 2 hours just to figure out how to properly run the python file in the command line. When you encounter errors, do not give up. There are many resources on the internet to help you. Stack Overflow is especially helpful.

C. How to run to program:
-After you have installed all necessary resources, type this command on the command line: "python attendance_final.py"