

# **Backend Facial Analysis**

# **Project Build and Deployment** **Instructions**

**Date: 12/10/21**

- To run facial analysis code in its current version, first ensure that Microsoft Visual Studio's is installed on your computer
- Microsoft Visual Studio's was used for writing the program and recommended to be used by the users of the program
- The language of the program is C#, therefore, choose C# when using the software.
- Ensure that the endpoint key is available in the code as it will connect the code to the Microsoft Face API which is the API used for this program
- After opening the code in Visual Studio's, compile it and run it.
- It will give a screen with instructions for saving the video before analyzing it
- Provide the video name with its extension
- Provide the directory where you want to save the extracted frames
- All the pathways of the frames being saved in the specified directory are shown onto the console
- The detected overall emotion will be printed to the console, and the program will be done.

Please note that the endpoint key gets update after some time, therefore, it should get updated in the program too, so no errors will occur during compilation.

If any other errors are encountered, please contact Serly Teymoorian (teyserly@gmail.com)

