Face detection and liveness detection

Step 1

Detect in a single frame the number of human faces out of the total objects detected.

Step 2

If the number of faces detected in Step 1 is > 1 or = 0, Exit

Step 3

For a single detected face, check the liveness score*

Step 4

Against a preset threshold value, if liveness score in step 3 is below that value declare

success otherwise Exit

*Liveness score will be determined for any change in the face attributes like eye wink/blink, smile etc.