CLAIMS

1. A method of verifying a user for transportation purposes, the method comprising:

using a communication apparatus to:

detect a face of the user;

display the detected face and a line indicating a position the user is supposed to position the face in;

based on the displayed face being positioned outside the displayed line, indicate, to the user, that the face is not in the position; and

based on the displayed face being positioned within the displayed line:

indicate, to the user, that the face is in the position;

extract a frame from the displayed face;

obtain image parameters from the extracted frame; and

send, to a server, the obtained image parameters, for the server to verify whether the displayed face is a genuine face by comparing the obtained image parameters with parameters in a database.

2. The method according to claim 1, further comprising:

instructing the user to perform a specific action; and

validating that the specific action is performed by the user.

3. The method according to claim 2, further comprising:

instructing the user to position the face of the user in the position, prior to instructing the user to perform the specific action; and

instructing the user to perform the specific action, if it is determined that the user is positioned in the position.

4. The method according to claim 3, wherein the instructing the user to position the face of the user in the position comprises: instructing the user to position the face of the user at a center of a display screen of the communication apparatus.

5. The method according to claim 3, wherein the instructing the user to position the face of the user in the position comprises: instructing the user to position the face of the user at a specific distance from a camera of the communication apparatus.

6. The method according to claim 3, wherein the instructing the user to position the face of the user in the position comprises: instructing the user to move to a brighter location or a dimmer location, depending on darkness of the face of the user on a display screen of the communication apparatus.

7. The method according to any one of claims 2 to 6, wherein the validating that the specific action is performed by the user comprises: capturing multiple frames from the specific action.

8. The method according to claim 7, wherein the validating that the specific action is performed by the user comprises: comparing a position of the face of the user in each frame of the multiple frames to determine if the specific action is performed.

9. The method according to claim 8, further comprising: if it is determined that the user performs the specific action, using the communication apparatus to indicate to the user that the correct action is performed.

10. The method according to claim 8, further comprising: if it is determined that the user does not perform the specific action or performs a different action, using the communication apparatus to indicate to the user that the correct action is not performed.

11. A communication system for verifying a user for transportation purposes, the communication system comprising:

a server; and

a communication apparatus in communication with the server, the communication apparatus comprising a memory and a processor in communication with the memory, the processor configured to:

detect a face of the user;

display the detected face and a line indicating a position the user is supposed to position the face in;

based on the displayed face being positioned outside the displayed line, indicate, to the user, that the face is not in the position; and

based on the displayed face being positioned within the displayed line:

indicate, to the user, that the face is in the position;

extract a frame from the displayed face;

obtain image parameters from the extracted frame; and

send, to the server, the obtained image parameters, for the server to verify whether the displayed face is a genuine face by comparing the obtained image parameters with parameters in a database.

12. The communication system according to claim 11, wherein the processor is further configured to:

instruct the user to perform a specific action; and

validate that the specific action is performed by the user.

13. The communication system according to claim 12, wherein the processor is further configured to:

instruct the user to position the face of the user in the position, prior to instructing the user to perform the specific action; and

instruct the user to perform the specific action, if it is determined that the user is positioned in the position.

14. The communication system according to claim 13, wherein the processor is further configured to: instruct the user to position the face of the user at a center of a display screen of the communication apparatus.

15. The communication system according to claim 13, wherein the processor is further configured to: instruct the user to position the face of the user at a specific distance from a camera of the communication apparatus.

16. The communication system according to claim 13, wherein the processor is further configured to: instruct the user to move to a brighter location or a dimmer location, depending on darkness of the face of the user on a display screen of the communication apparatus.

17. The communication system according to any one of claims 12 to 16, wherein the processor is further configured to: capture multiple frames from the specific action, to validate that the specific action is performed by the user.

18. The communication system according to claim 17, wherein the processor is further configured to: compare a position of the face of the user in each frame of the multiple frames to determine if the specific action is performed, to validate that the specific action is performed by the user.

19. The communication system according to claim 18, wherein the processor is further configured to: if it is determined that the user performs the specific action, indicate to the user that the correct action is performed.

20. The communication system according to claim 18, wherein the processor is further configured to: if it is determined that the user does not perform the specific action or performs a different action, indicate to the user that the correct action is not performed.