CLAIMS

1. A method for authenticating a driver of a vehicle, comprising:
sending a request to a mobile phone to provide a selfie of a user of the mobile phone by means of the mobile phone, wherein the mobile phone is registered to receive orders for transport tasks;
determining a time the user takes to provide a selfie in response to the request;
responsive to a determination that the determined time does not exceed a predetermined threshold:
performing an authentication of the user as a legitimate driver; and
sending an additional request after a predetermined request interval;
responsive to a determination that the determined time exceeds the predetermined threshold:
sending additional requests to the mobile phone to provide selfies by means of the mobile phone with a higher frequency than if the determined time does not exceed the predetermined threshold, wherein one or more of the additional requests are triggered at each of a set of predetermined events, and wherein the predetermined events comprise the user toggling an availability state for taking transport tasks from not available to available and/or the user having completed a transport task; and
performing an authentication of the user as a legitimate driver using selfies provided in response to the additional requests.

2. The method of claim 1, wherein the predetermined threshold is in a range of 5 minutes to 30 minutes.

3. The method of claim 1 or claim 2, wherein the mobile phone is registered under a user account to receive orders for transport tasks, and the method comprises flagging the user account as suspicious if the determined time exceeds the predetermined threshold, and sending the additional requests to the mobile phone based on the user account being flagged as suspicious.

4. The method of claim 3, comprising flagging the account as suspicious based on a number of passengers which report a different vehicle or a different driver for their rides than expected according to a profile of the user, within a first predetermined period, exceeding a first further predetermined threshold.

5. The method of claim 3 or claim 4, comprising flagging the account as suspicious based on a frequency with which different mobile phones have been used to register under the user account, within a second predetermined period, exceeding a second further predetermined threshold.

6. The method of any one of claims 1 to 5, comprising sending the additional requests to the mobile phone with a minimum time buffer period between the sending of the additional requests.

7. The method of claim 6, wherein the minimum time buffer period is in a range of 5 minutes to 30 minutes.

8. An authentication server configured to perform the method of any one of claims 1 to 7.

9. A computer program element comprising program instructions, which, when executed by one or more processors, cause the one or more processors to perform the method of any one of claims 1 to 7.

10. A computer-readable medium comprising program instructions, which, when executed by one or more processors, cause the one or more processors to perform the method of any one of claims 1 to 7.