CLAIMS

1. Method for data transfer over a communication network, in a system comprising:

- a first communication device (102) comprising a communication interface (203, 204) configured to provide:
    - o a wireless connection to a second communication device;
    - o a wireless access point for providing a wireless network;

the second device (101) comprising a communication interface configured to provide, to the first device, a shared connection to the communication network, wherein the shared connection is adapted to enable data transfer over the communication network;

- a third communication device (103) comprising a communication interface to connect to the wireless network of the access point of the first device;

the method comprising, at the third device:

- obtaining, by the third device, information representative of at least one offer for transferring data over the shared connection of the second device, wherein the information representative of an offer comprises an amount of data to be transferred and the price for enabling transfer of the amount of data;
- transmitting a message indicative of acceptance of a received offer,
- in response to the transmission of the message, receiving access, by the third device, to the shared connection by accessing the wireless network, wherein the access to the shared connection corresponds to the accepted offer for transferring data according to one or more conditions of the accepted offer, wherein communication between the second device and the third device, of said data, is performed solely through the first device and wherein credentials for accessing the shared connection of the second device are not communicated to the third device, thereby preserving the anonymity of a user of the second device.

2. The method of claim 1, further comprising, before receiving access, validating a transaction authorizing payment of a price associated with the accepted offer.

3. The method of claim 1 or 2, wherein the wireless network has a network identifier indicating to the third device that the first device is adapted to provide access to the shared connection.

4. The method according to claim 3, wherein the system comprises a plurality of first devices connected to respective second devices, each first device providing a given wireless network, all given wireless networks using a same network identifier, the network identifier being known to the third device.

5. The method according to one of the preceding claims, wherein the information representative of an offer further comprises an estimated time of presence of the second device at a current geographical location.

6. The method according to one of the preceding claims, wherein the information representative of an offer comprises no information concerning the identity of a user of the first device.

7. The method according to claim 3 in combination with one of the claims 1, 2 and 4 to 6, wherein the network identifier is predefined, the method further comprising, at the third device,
   - detection of the wireless network of the first device using the predefined network identifier;
   - obtaining the information representative of the at least one offer for data transfer through the first device.

8. The method according to one of the claims 1 to 5, the system further comprising a cloud server (600, 700, 800, 900), the method further comprising:
   obtaining (602), by the third device, from the cloud server, information representative of at least one offer for data transfer of the second device as a function of a geographic location of the second device and a geographic location of the third device.

9. Third communication device (103), comprising a processor and, memory comprising software code, the third communication device being configured to carry out the method according to one of the claims 1 to 8.

10. Method for data transfer over a communication network, in a system comprising:

- a first communication device (102) comprising a communication interface (203, 204) configured to provide:
    - a wireless connection to a second communication device;
    - a wireless access point for providing a wireless network;

the second device (101) comprising a communication interface configured to provide a shared connection to the communication network to the first device, wherein the shared connection is adapted to enable data transfer over the communication network;

- a third communication device (103) comprising a communication interface to connect to the wireless network of the access point of the first device;

the method comprising, at the second device:

- enabling the shared connection;
- configuring the first device to allow the first device to connect to the shared connection;
- providing information representative of at least one offer for transferring data over the shared connection, for obtention by the third device, wherein communication between the second device and the third device of said data upon acceptance of an offer is performed solely through the first device;
- wherein the information representative of an offer comprises an amount of data to be transferred and the price for enabling transfer of the amount of data; and
- wherein the method is performed without communicating credentials for accessing the shared connection to the third device, thereby preserving the anonymity of a user of the second device.

11. The method according to claim 10, the system further comprising a cloud server (600, 700, 800, 900), the method, wherein providing information representative of at least one offer comprises

- transmitting (601, 701) said information, by the second device to the cloud server, wherein information of an offer comprises an amount of data to be transferred and a price for enabling transfer of the amount of data.

12. The method according to claim 10 or 11, wherein said information comprises a current geographical location of the second device.

13. The method according to claim 12, wherein said information comprises an estimated time of presence of the second device at the current geographical location.

14. Second communication device (103), comprising a processor and, memory comprising software code, the third communication device being configured to carry out the method according to one of the claims 10 to 13.

15. Method for data transfer over a communication network, in a system comprising:

- a first communication device (102) comprising a communication interface (203, 204) configured to provide:
    - a wireless connection to a second communication device;
    - a wireless access point for providing a wireless network;

the second device (101) comprising a communication interface configured to provide a shared connection to the communication network to the first device, wherein the shared connection is adapted to enable data transfer over the communication network;

- a third communication device (103) comprising a communication interface to connect to the wireless network of the access point of the first device;

the method comprising, at the first device:

- connecting to the shared connection of the second device;

- providing said wireless network for connection by the third device;
- receiving information indicative of acceptance by the third device of an offer for transferring data over the shared connection of the second device; and
- transferring said data between the second device and the third device over the wireless network;
- wherein the method is performed without communicating credentials for accessing the shared connection to the third device, thereby preserving the anonymity of a user of the second device.

16. First communication device (103), comprising a processor and, memory comprising software code, the third communication device being configured to carry out the method according to claim 15.