Claims

1. An electronic system for a consumer to transact with a merchant, the system comprising a server configured for performing steps comprising:

receiving, from an electronic device of the consumer, a request to access a directory of merchants identified based on location data of the electronic device;

communicating identification details of the merchants from a merchant database to the electronic device;

communicating merchandise details of the merchants from the merchant database to the electronic device, the merchandise details comprising details of merchandise available for purchase from each merchant;

receiving, from the electronic device, a selection of merchandise to purchase from a selected merchant;

communicating, to the electronic device, payment information determined based on the selected merchant and selected merchandise, the payment information comprising details of a financial account of the selected merchant and cost data of the selected merchandise;

receiving, from the electronic device, details of a payment instrument of the consumer;

communicating the consumer payment instrument details and payment information to a payment network for processing payment to the selected merchant;

communicating consumer payment receipt data from the payment network to the electronic device in response to successful payment to the selected merchant; and

communicating merchant payment receipt data from the payment network to an electronic device of the selected merchant in response to successful payment to the selected merchant,

wherein the consumer payment receipt data and merchant payment receipt data are verifiable against each other for the consumer and the selected merchant to verify said successful payment.

2. The system according to claim 1, wherein the identification details comprise location addresses of the merchants.

3. The system according to claim 2, wherein the directory of merchants is represented according to the location addresses on a map interface displayed on the electronic device.

4. The system according to any one of claims 1 to 3, wherein the merchant database stores predefined sets of payment information associated with the merchants, and wherein the payment information is determined from a number of predefined sets of payment information associated with the selected merchant.

5. The system according to any one of claims 1 to 3, wherein the payment information comprises a payment address linking to a payment gateway accessible by the electronic device for providing the consumer payment instrument details.

6. The system according to claim 5, wherein the payment address is represented by a uniform resource locator / identifier or matrix barcode.

7. The system according to any one of claims 1 to 6, wherein the consumer payment receipt data and merchant payment receipt data are verifiable against each other based on a contactless communication protocol.

8. The system according to claim 7, wherein the contactless communication protocol relates to near field communication (NFC) or matrix barcode scanning.

9. A computerized method for a consumer to transact with a merchant, the method performed by a server of an electronic system according to any one of claims 1 to 8.

10. A non-transitory computer-readable storage medium storing computer-readable instructions that, when executed, cause a server to perform a method according to claim 9.

11. An electronic system for a consumer to transact with a merchant, the system comprising an electronic device of the consumer, the electronic device having an application stored thereon, the application executable for performing steps comprising:

communicating, to a server, a request to access a directory of merchants identified based on location data of the electronic device, the directory of merchants represented on a map interface displayed on the electronic device;

receiving identification details of the merchants from a merchant database communicatively linked to the server, the identification details overlaid against the merchants represented on the map interface;

receiving merchandise details of the merchants from the merchant database, the merchandise details comprising details of merchandise available for purchase from each merchant;

communicating, to the server, a selection of merchandise to purchase from a selected merchant, the merchandise selected by the consumer via the map interface;

receiving, from the server, payment information determined based on the selected merchant and selected merchandise, the payment information comprising details of a financial account of the selected merchant and cost data of the selected merchandise;

communicating, to the server, details of a payment instrument of the consumer;

receiving consumer payment receipt data from the server in response to successful payment to the selected merchant; and

verifying the consumer payment receipt data against merchant payment receipt data of the selected merchant to verify said successful payment, the merchant payment receipt data received by the selected merchant from the server in response to successful payment to the selected merchant,

wherein the consumer payment instrument details and payment information are communicable from the server to a payment network for processing payment to the selected merchant.

12. The system according to claim 11, wherein the payment information comprises a payment address linking to a payment gateway accessible by the electronic device for providing the consumer payment instrument details.

13. The system according to claim 12, wherein the payment address is represented by a uniform resource locator / identifier or matrix barcode.

14. The system according to any one of claims 11 to 13, wherein the merchant payment receipt data is communicated to an electronic device of the selected merchant.

15. The system according to any one of claims 11 to 14, wherein the consumer payment receipt data is represented by near field communication (NFC) data or a matrix barcode.

16. A computerized method for a consumer to transact with a merchant, the method performed by an application stored on a consumer electronic device of an electronic system according to any one of claims 11 to 15.

17. A non-transitory computer-readable storage medium storing computer-readable instructions that, when executed, cause an application stored on a consumer electronic device to perform a method according to claim 16.