WHAT IS CLAIMED IS:

1. A method for generating a digital receipt for a transaction including provenance information for purchased products, comprising:

receiving, by a receiver of a processing server, via an application programming interface of a first computing device, a data request including at least a transaction identifier related to a processed payment transaction;

identifying, by a processor of the processing server, transaction details for the processed payment transaction based on the transaction identifier, the transaction details including at least a product identifier for each product purchased in the processed payment transaction;

transmitting, by a transmitter of the processing server, the product identifier for each product to a blockchain node in a blockchain network associated with a blockchain;

receiving, by the receiver of the processing server, provenance data for each product from the blockchain node as well as a digital signature of a manufacturer of each product;

verifying, by the processing server, the digital signature of the manufacturer of each product using a public key of a cryptographic key pair of the manufacturer;

formatting, by the processor of the processing server, the provenance data for readability by a user of the first computing device by at least converting timestamps into a recognizable time and date format and converting geographical coordinates into at least city and state;

generating, by the processor of the processing server, a digital receipt for the processed payment transaction, inserting a hyperlink associated with the provenance

data in the digital receipt, and formatting the digital receipt for readability by the user on the first computing device; and

transmitting, by the transmitter of the processing server, the generated digital receipt to the first computing device, where the hyperlink is activated,

wherein upon activation of the hyperlink, the first computing device presents, to a user, additional details regarding the provenance of a product including at least a time of manufacture, the digital signature of the manufacturer, and a result of the verification of the digital signature.

2. The method of claim 1, further comprising:

identifying, by a processor of the blockchain node, one or more data entries for each product that include the respective product identifier; and

generating, by the processor of the blockchain node, the provenance data for each product based on the identified one or more data entries for each respective product.

3. The method of claim 2, wherein each of the one or more data entries is a blockchain data entry included in a blockchain accessible by the blockchain node.

4. The method of claim 2, wherein each of the one or more data entries further includes at least one of: a timestamp, merchant data, shipping data, and product data.

5. The method of claim 1, wherein the digital receipt further includes at least one of: time, date, geographic location, device identifier, point of sale identifier,

transaction amount, transaction type, currency type, reward data, loyalty data, and offer data.

6. The method of claim 1, wherein identifying transaction details for the processed payment transaction includes:

transmitting, by the transmitter of the processing server, the transaction identifier to an external computing system; and

receiving, by the receiver of the processing server, the product identifier for each of the one or more products from the external computing system.

7. A system for generating a digital receipt for a transaction including provenance information for purchased products, comprising:

a first computing device;

a second computing device, said second computing device being a blockchain node in a blockchain network associated with a blockchain; and

a processing server including

a receiver receiving a data request from the first computing device, via an application programming interface of the first computing device, said data request including at least a transaction identifier related to a processed payment transaction,

a processor identifying transaction details for the processed payment transaction based on the transaction identifier, the transaction details including at least a product identifier for each product purchased in the processed payment transaction, and

a transmitter transmitting the product identifier for each product to the blockchain node, wherein

the receiver of the processing server further receives provenance data for each product from the blockchain node as well as a digital signature of a manufacturer of each product,

the processor of the processing server further

verifies the digital signature of the manufacturer of each product using a public key of a cryptographic key pair of the manufacturer,

formats the provenance data for readability by a user of the first computing device by at least converting timestamps into a recognizable time and date format and converting geographical coordinates into at least city and state,

generates a digital receipt for the processed payment transaction, inserts a hyperlink associated with the provenance data in the digital receipt, and formats the digital receipt for readability by the user on the first computing device,

the transmitter of the processing server further transmits the generated digital receipt to the first computing device, where the hyperlink is activated, and

the first computing device, upon activation of the hyperlink, presents, to a user, additional details regarding the provenance of a product including at least a time of manufacture, the digital signature of the manufacturer, and a result of the verification of the digital signature.

8. The system of claim 7, wherein the blockchain node includes a processor

identifying one or more data entries for each product that include the respective product identifier, and

generating the provenance data for each product based on the identified one or more data entries for each respective product.

9. The system of claim 8, wherein each of the one or more data entries is a blockchain data entry included in a blockchain accessible by the blockchain node.

10. The system of claim 8, wherein each of the one or more data entries further includes at least one of: a timestamp, merchant data, shipping data, and product data.

11. The system of claim 7, wherein the digital receipt further includes at least one of: time, date, geographic location, device identifier, point of sale identifier, transaction amount, transaction type, currency type, reward data, loyalty data, and offer data.

12. The system of claim 7, wherein identifying transaction details for the processed payment transaction includes:

transmitting, by the transmitter of the processing server, the transaction identifier to an external computing system; and

receiving, by the receiver of the processing server, the product identifier for each of the one or more products from the external computing system.