

CLAIMS

What is claimed is:

1. A computer implemented method comprising:
receiving, by a processor of a user device, from an external source associated with a recipient, a file including a Quick Response (QR) code, the QR code comprising payment related information for a payment transaction and recipient information;
storing, by the processor, the file in a memory of the user device;
facilitating, by the processor, display of the QR code on a display screen of the user device, the QR code being accessed from the file stored in the memory of the user device;
initializing, by the processor, a QR capture mode in the user device for capturing the QR code using a capture overlay frame;
localizing, by the processor, the QR code by positioning the capture overlay frame on top of the QR code in the display screen of the user device;
adapting, by the processor, the capture overlay frame based on a size of the QR code for capturing the QR code;
reading, by the processor, the QR code within the capture overlay frame to extract the payment related information and the recipient information; and
transmitting, by the processor, a payment request for the payment transaction to a payment server, wherein the payment request includes at least the payment related information and the recipient information extracted by reading the QR code, and wherein the recipient information enables the payment server to settle the payment transaction via an acquirer account of the recipient.
2. The method according to claim 1, wherein facilitating display of the QR code comprises:
initializing, by the processor, a reading application for reading the document for identifying the QR code present in the document.
3. The method according to claim 2, wherein the external source is at least one of:
a website;

a chat application;
a billing application; and
an e-commerce application.

4. The method according to claim 1, wherein facilitating display of the QR code comprises:

identifying, by the processor, a Uniform Resource Locator (URL), wherein the URL is embedded with the QR code; and
invoking, by the processor, a browsing application to access the URL for displaying the QR code.

5. The method according to claim 1, wherein the payment related information is at least one of:

merchant information;
a payment amount;
a payment due date;
a user identifier; and
a payment cycle for the payment transaction.

6. The method according to claim 5, wherein the recipient information comprises at least one of:

a merchant name;
a merchant identifier;
a merchant account number;
a merchant type; and
an acquirer associated with a merchant account number.

7. The method according to claim 1, wherein facilitating the payment transaction comprises:

determining, by the processor, at least one application among a plurality of applications in the user device based on the payment related information; and
invoking, by the processor, the at least one application in the user device for processing

the payment transaction.

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

upon successfully reading the QR code, by the processor, facilitating display of a notification for a user on the display screen of the user device.

9. A server system comprising:

a database configured to store an instance of a payment application; and

a processing module in operative communication with the database, the processing module configured to provision the payment application to a user device upon request, the payment application comprising instructions configured to:

receive, by a processor of the user device, from an external source associated with a merchant, a file including a machine readable code, the machine readable code comprising payment related information for a payment transaction and merchant information;

store the file in a memory of the user device;

initialize, by the processor, a machine readable code capture mode in the user device for capturing the machine readable code present in a display screen of the user device using a capture overlay frame, the machine readable code being accessed from the file stored in the memory of the user device;

localize, by the processor, the machine readable code by positioning the capture overlay frame on top of the machine readable code in the display screen of the user device;

adapt, by the processor, the capture overlay frame based on a size of the machine readable code for capturing the machine readable code;

read the machine readable code within the capture overlay frame to extract the payment related information and the merchant information; and

transmit a payment request for the payment transaction to a payment server,

wherein the payment request includes at least the payment related information and the merchant information extracted by reading the machine readable code, and wherein the merchant information enables the payment server to settle the payment transaction via an acquirer account of the merchant.

10. The server system according to claim 9, the external source being at least one of:
a website;
a chat application;
a billing application; and
an e-commerce application.

11. The server system according to claim 9, wherein the payment application further comprises instructions configured to:
identify a Uniform Resource Locator (URL) in the document, wherein the URL is
embedded with the machine readable code; and
invoke a browsing application to access the URL for displaying the machine readable code.

12. The server system according to claim 9, wherein the payment application further comprises instructions configured to facilitate a floating button on a display screen, the floating button configured to be dragged on the display screen to overlap with the machine readable code displayed on the display screen for capturing the machine readable code.

13. The server system according to claim 9, wherein the payment related information is at least one of:
merchant information;
a payment amount;
a payment due date;
a user identifier; and
a payment cycle for the payment transaction.

14. A method for a payment transaction using a Quick Response (QR) code, the method comprising:
receiving, by a processor of a user device, from an external source associated with a merchant, a file including a Quick Response (QR) code, the QR code comprising payment related information for a payment transaction and merchant information;

storing, by the processor, the file in a memory of the user device;
facilitating, by the processor, display of the QR code on a display screen of the user device, the QR code being accessed from the file stored in the memory of the user device;
initializing, by the processor, a QR capture mode in the user device for capturing the QR code using a capture overlay frame;
localizing, by the processor, the QR code by positioning the capture overlay frame on top of the QR code in the display screen of the user device;
adapting, by the processor, the capture overlay frame based on a size of the QR code for capturing the QR code;
reading, by the processor, the QR code within the capture overlay frame to extract the payment related information; and
transmitting, by the processor, a payment request for the payment transaction to a payment server, wherein the payment request includes at least the payment related information and the merchant information extracted by reading the QR code, and wherein the merchant information enables the payment server to settle the payment transaction via an acquirer account of the merchant.

15. The method according to claim 14, wherein facilitating display of the QR code comprises:

initializing, by the processor, a reading application for reading the document for identifying the QR code present in the document.

16. The method according to claim 14, wherein facilitating display of the QR code comprises:

accessing, by the processor, a Uniform Resource Locator (URL) link in a document, the URL link being embedded with the QR code; and
invoking, by the processor, a browsing application to access the URL for displaying the QR code.