What is claimed is:

1. A method, comprising:

generating, by a first application executing on a processor, a first URL directed to a second application, wherein a parameter of the first URL comprises an identifier of the first application;

accessing, by a mobile operating system (OS) executing on the processor, the second application based on the first URL;

receiving, by the second application from a server, data associated with an account;

initiating, by the second application, a transmission control protocol/internet protocol (TCP/IP) server on a port;

generating, by the second application, a second URL directed to the first application, wherein a parameter of the second URL comprises the port;

accessing, by the OS, the first application based on the second URL;

receiving, by the first application, the data via a connection with the TCP/IP server using the port specified in the second URL; and

autofilling, by the first application, the data to a form field in the first application.

2. The method of claim 1, further comprising:

establishing, by the first application, the connection with the TCP/IP server using the port specified in the second URL.

3. The method of claim 1, wherein the data comprises one or more of an account number associated with the account, an expiration date of the account number, a card verification value (CVV) of the account number, or a billing address of the account.

4. The method of claim 1, further comprising prior to the second application receiving the data:

receiving, by the second application, encrypted data from a contactless card;

transmitting, by the second application, the encrypted data to the server; and

receiving, by the second application, an indication from the server specifying the server decrypted the encrypted data, wherein the second application receives the data based at least in part on the received indication from the server.

5. The method of claim 1, further comprising:

selecting, by the second application, a port number from a plurality of port numbers as the port.

6. The method of claim 1, further comprising:

receiving, by the TCP/IP server, a request to establish the connection from the first application, wherein the request comprises a certificate of the first application;

validating, by the second application, the certificate of the first application; and

determining, by the second application, to establish the connection based on identifying the identifier of the first application in the request and the validation of the certificate of the first application, wherein the TCP/IP server is accessible only to applications executing on the processor.

7. The method of claim 1, further comprising:

validating, by the first application using an application programming interface (API) of the OS, at least a portion of the first URL; and

validating, by the second application using the API of the OS, at least a portion of the second URL.

8. A computing apparatus comprising:

a processor; and

a memory storing instructions that, when executed by the processor, cause the processor to:

generate, by a first application executing on a processor, a first URL directed to a second application, wherein a parameter of the first URL comprises an identifier of the first application;

access, by a mobile operating system (OS) executing on the processor, the second application based on the first URL;

receive, by the second application from a server, data associated with an account;

initiate, by the second application, a transmission control protocol/internet protocol (TCP/IP) server on a port;

generate, by the second application, a second URL directed to the first application, wherein a parameter of the second URL comprises the port;

access, by the OS, the first application based on the second URL;

receive, by the first application, the data via a connection with the TCP/IP server using the port specified in the second URL; and

autofill, by the first application, the data to a form field in the first application.

9. The computing apparatus of claim 8, wherein the instructions further cause the processor to:

establish, by the first application, the connection with the TCP/IP server using the port specified in the second URL.

10. The computing apparatus of claim 8, wherein the data comprises one or more of an account number associated with the account, an expiration date of the account number, a card verification value (CVV) of the account number, or a billing address of the account.

11. The computing apparatus of claim 8, wherein the instructions further cause the processor to, prior to the second application receiving the data:

receive, by the second application, encrypted data from a contactless card;

transmit, by the second application, the encrypted data to the server; and

receive, by the second application, an indication from the server specify the server decrypted the encrypted data, wherein the second application receives the data based at least in part on the received indication from the server.

12. The computing apparatus of claim 8, wherein the instructions further cause the processor to:

select, by the second application, a port number from a plurality of port numbers as the port.

13. The computing apparatus of claim 8, wherein the instructions further cause the processor to:

receive, by the TCP/IP server, a request to establish the connection from the first application, wherein the request comprises a certificate of the first application;

validate, by the second application, the certificate of the first application; and

determine, by the second application, to establish the connection based on identifying the identifier of the first application in the request and the validation of the certificate of the first application, wherein the TCP/IP server is accessible only to applications executing on the processor.

14. The computing apparatus of claim 8, wherein the instructions further cause the processor to:

validate, by the first application using an application programming interface (API) of the OS, at least a portion of the first URL; and

validate, by the second application using the API of the OS, at least a portion of the second URL.

15. A non-transitory computer-readable storage medium, the computer-readable storage medium including instructions that when executed by a computer, cause the computer to:

generate, by a first application executing on a processor, a first URL directed to a second application, wherein a parameter of the first URL comprises an identifier of the first application;

access, by a mobile operating system (OS) executing on the processor, the second application based on the first URL;

receive, by the second application from a server, data associated with an account;

initiate, by the second application, a transmission control protocol/internet protocol (TCP/IP) server on a port;

generate, by the second application, a second URL directed to the first application, wherein a parameter of the second URL comprises the port;

access, by the OS, the first application based on the second URL;

receive, by the first application, the data via a connection with the TCP/IP server using the port specified in the second URL; and

autofill, by the first application, the data to a form field in the first application.

16. The computer-readable storage medium of claim 15, wherein the instructions further cause the processor to:

establish, by the first application, the connection with the TCP/IP server using the port specified in the second URL.

17. The computer-readable storage medium of claim 15, wherein the data comprises one or more of an account number associated with the account, an expiration date of the account number, a card verification value (CVV) of the account number, or a billing address of the account.

18. The computer-readable storage medium of claim 15, wherein the instructions further cause the processor to, prior to the second application receiving the data:

receive, by the second application, encrypted data from a contactless card;

transmit, by the second application, the encrypted data to the server; and

receive, by the second application, an indication from the server specify the server decrypted the encrypted data, wherein the second application receives the data based at least in part on the received indication from the server.

19. The computer-readable storage medium of claim 15, wherein the instructions further cause the processor to:

select, by the second application, a port number from a plurality of port numbers as the port.

20. The computer-readable storage medium of claim 15, wherein the instructions further cause the processor to:

receive, by the TCP/IP server, a request to establish the connection from the first application, wherein the request comprises a certificate of the first application;

validate, by the second application, the certificate of the first application; and

determine, by the second application, to establish the connection based on identifying the identifier of the first application in the request and the validation of the certificate of the first application, wherein the TCP/IP server is accessible only to applications executing on the processor.