What is claimed is:

1. A computer-implemented 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 first URL to open the second application;

initiating, by the second application executing on the processor, 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 second URL to open the first application;

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

receiving, by the first application, data from the second application via the connection with the TCP/IP server.

2. The computer-implemented method of claim 1, further comprising:

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

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

3. The computer-implemented method of claim 1, wherein the identifier of the first application comprises a token, further comprising:

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

validating, by the TCP/IP server, the token.

4. The computer-implemented method of claim 1, wherein the first URL and the second URL comprise universal link URLs directed to the first and second applications, respectively.

5. The computer-implemented method of claim 1, further comprising:

registering, by the second application using an application programming interface of the OS, the second application as a background task to execute in a background of the OS; and

executing, by the OS, the TCP/IP server as part of the background task in the background of the OS.

6. The computer-implemented method of claim 1, further comprising:

determining, by the first application, that the data received from the second application comprises one or more attributes of an account; and

autofilling, by the first application, the one or more attributes of the account to one or more form fields in the first application.

7. The computer-implemented method of claim 1, further comprising prior to the second application initiating the TCP/IP server:

receiving, by the second application, a cryptogram from a contactless card;

transmitting, by the second application, the cryptogram to a server; and

receiving, by the second application, an indication from the server specifying the server decrypted the cryptogram, wherein the second application initiates the TCP/IP server based at least in part on the indication received from the server.

8. An apparatus, comprising:

a processor; and

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

generate, by a first application, 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), the first URL to open the second application;

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 second URL to open the first application;

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

receive, by the first application, data from the second application via the connection with the TCP/IP server.

9. The apparatus of claim 8, the memory storing instructions which when executed by the processor cause the processor to:

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

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

10. The apparatus of claim 8, wherein the identifier of the first application comprises a token, the memory storing instructions which when executed by the processor cause the processor to, prior to the establishment of the connection:

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

validate, by the TCP/IP server, the token.

11. The apparatus of claim 8, wherein the first URL and the second URL comprise universal link URLs directed to the first and second applications, respectively.

12. The apparatus of claim 8, the memory storing instructions which when executed by the processor cause the processor to:

register, by the second application using an application programming interface of the OS, the second application as a background task to execute in a background of the OS; and

execute, by the OS, the TCP/IP server as part of the background task in the background of the OS.

13. The apparatus of claim 8, the memory storing instructions which when executed by the processor cause the processor to:

determine, by the first application, that the data received from the second application comprises one or more attributes of an account; and

autofill, by the first application, the one or more attributes of the account to one or more form fields in the first application.

14. The apparatus of claim 8, the memory storing instructions which when executed by the processor cause the processor to, prior to the second application initiating the TCP/IP server:

receive, by the second application, a cryptogram from a contactless card;

transmit, by the second application, the cryptogram to a server; and

receive, by the second application, an indication from the server specifying the server decrypted the cryptogram, wherein the second application initiates the TCP/IP server based at least in part on the indication received from the server.

15. A non-transitory computer-readable storage medium comprising computer-readable program code which when executed by a processor cause the processor to:

generate, by a first application, 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), the first URL to open the second application;

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 second URL to open the first application;

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

receive, by the first application, data from the second application via the connection with the TCP/IP server.

16. The computer-readable storage medium of claim 15, comprising computer-readable program code which when executed by the processor cause the processor to:

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

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

17. The computer-readable storage medium of claim 15, wherein the identifier of the first application comprises a token, the medium comprising computer-readable program code which

when executed by the processor cause the processor to, prior to the establishment of the connection:

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

validate, by the TCP/IP server, the token.

18. The computer-readable storage medium of claim 15, wherein the first URL and the second URL comprise universal link URLs directed to the first and second applications, respectively.

19. The computer-readable storage medium of claim 15, comprising computer-readable program code which when executed by the processor cause the processor to:

register, by the second application using an application programming interface of the OS, the second application as a background task to execute in a background of the OS; and

execute, by the OS, the TCP/IP server as part of the background task in the background of the OS.

20. The computer-readable storage medium of claim 15, comprising computer-readable program code which when executed by the processor cause the processor to:

determine, by the first application, that the data received from the second application comprises one or more attributes of an account; and

autofill, by the first application, the one or more attributes of the account to one or more form fields in the first application.