CLAIMS

What is claimed is:

1. A method, comprising:

storing on a first device a digital tag, the tag configured to be associated with at least one application on a second device, such that receipt of the tag on the second device launches the application on the second device; and

emitting from the first device to a second device the digital tag;

wherein the application on the second device is configured to, after receipt of the tag on the second device:

launch in a special state when the second device is in at least a first state from a pre-determined list of states, and

for a fixed time duration after the receipt of the digital tag and when the second device is in at least a second state from a pre-determined list of states, intercept additional digital information from the first device and store the additional digital information in a memory of the second device.

2. The method of claim 1, wherein the first device is a contactless credit card.

3. The method of claim 1, wherein the first device emits a near-field communication field.

4. The method of claim 1, wherein the second device is a smartphone.

5. The method of claim 4, wherein the smartphone contains an Android based operating system.

~~6. The method of claim 5, wherein an applet on the first device is further configured to generate a manifest of tags, which are configured to generate at least one tag in the near-field communication data exchange format (NDEF) specification.~~

~~7. The method of claim 6, further wherein the NDEF tag is further configured to be an Android® Application Record (AAR) launch tag.~~

~~8. The method of claim 1, wherein the list of pre-determined states contains at least a screen unlock.~~

~~9. A system, comprising:~~

~~a computer hardware arrangement configured to:~~

~~receive, from a first device, digital information upon physical proximity with the first device;~~

~~receive, from the first device, a digital tag configured to be associated with an application;~~

~~launch, responsive to the tag, the application associated with the received digital tag; and~~

~~for a fixed time duration after the receipt of the digital tag, through the application and when the computer hardware arrangement is in at least one state from a pre-determined list of states, intercept additional digital information from the first device and store the additional digital information in a memory of the second device.~~

~~10. The system of claim 9, wherein the launched application is configured to send instructions to the first device which disable or de-activate the digital tag configured to be associated with the application.~~

~~11. The system of claim 10, wherein the computer hardware arrangement is configured to contain an Android based operating system.~~

~~12. The system of claim 11, wherein the computer hardware arrangement is configured to launch responsive to a near-field communication data exchange format (NDEF) tag or an Android Application Record (AAR) launch tag, the launched application.~~

~~13. The system of claim 9, further comprising the launched application recording the number of launches responsive to a read of the first device.~~

~~14. The system of claim 13, further comprising the launched application sending a notification to a server indicating the number of launches to synchronize a counter on the first device with a counter on a server.~~

~~15. The system of claim 13, further comprising the computer hardware arrangement installing the application responsive to receiving the digital tag when the application is not present on the second device.~~

~~16. The method of claim 1, wherein the first state and the second state are the same.~~

~~17. The method of claim 1, wherein the application is further configured to:~~

~~receive an information set, and~~

~~prevent a second application from accessing the information set.~~

~~18. A device, comprising:~~

~~a processor; and~~

~~a memory storing an application,~~

~~wherein, after receipt of a digital tag from a transmitting device, the application is configured to:~~

~~launch when the device is in at least a first state from a pre-determined list of states, and~~

~~for a fixed time duration after the receipt of the digital tag and when the device is in at least a second state from a pre-determined list of states, intercept additional digital information from the transmitting device and store the additional digital information in the memory.~~

~~19. The device of claim 18, wherein the first state and the second state are the same.~~

~~20. The device of claim 18, wherein the predetermined list of states comprises a locked state, an unlocked state, a screen on state, and a screen off state.~~

~~21. The device of claim 18, wherein the application is configured to send instructions to the transmitting device which disable the digital tag.~~

1. A system, comprising:

an application stored in a memory of a user device,

wherein the application is configured to:

launch, responsive to receipt of a digital tag associated with the application received from a first device,

record a number of launches responsive to the digital tag, and

transmit, to a server, a notification indicating the number of launches.

2. The system of claim 1, wherein:

the first device comprises a smartcard, and

the user device comprises a smartphone.

3. The system of claim 1, wherein the application is further configured to intercept digital information transmitted by the first device when the first device is in at least one state from a pre-determined list of states.

4. The system of claim 3, wherein the predetermined list of states comprises a locked state and an unlocked state.

5. The system of claim 3, wherein the predetermined list of states comprises a screen on state, a screen off state, and a state when the screen is touched.

6. The system of claim 1, wherein the application is further configured to:

receive digital information, and

prevent a second application from accessing the received digital information.

7. The system of claim 1, wherein the application is further configured to:

receive a near-field data exchange format (NDEF) payload, and

prevent execution of the NDEF payload for a period of time.

8. The system of claim 7, wherein:

the period of time is calculated from a time of an event, and

the event comprises at least one selected from the group of powering on the user device and unlocking a screen of the user device.

9. The system of claim 7, wherein the period of time is calculated from the receipt of the digital tag.

10. The system of claim 1, wherein the transmission of the notification synchronizes a counter on the user device with a counter on the server.

11. A method, comprising:

launching, by an application stored in a memory of a user device, responsive to a receipt of a digital tag associated with the application from a first device;

recording, by the application, a number of launches; and

sending, by the application to a server, a notification indicating the number of launches.

12. The method of claim 11, further comprising intercepting, by the application, digital information transmitted by the first device.

13. The method of claim 12, wherein the application intercepts digital information transmitted by the first device for a fixed time duration after receipt of the digital tag.

14. The method of claim 11, further comprising:

receiving, by the application, a near-field data exchange format (NDEF) payload, and preventing, by the application, execution of the NDEF payload for a period of time.

15. The method of claim 14, wherein the period of time is calculated from the receipt of the digital tag.

16. The method of claim 14, wherein:

the period of time is calculated from a time of an event, and

the event comprises at least one selected from the group of powering on the user device and unlocking a screen of the user device.

17. A computer-accessible medium containing executable instructions that, when executed by a processor, configure the processor perform procedures comprising:

launching, by an application stored in a memory of a user device, responsive to a receipt of a digital tag associated with the application;

recording, by the application, a number of launches; and

sending, by the application to a server, a notification indicating the number of launches.

18. The computer-accessible medium of claim 17, wherein the application is launched in a visible state or a non-visible state based on a state of the user device.

19. The computer-accessible medium of claim 18, wherein the state of the user device comprises at least one selected from the group of a screen active state, a screen inactive state, a screen locked state, a screen unlocked state, and a battery power state.

20. The computer-accessible medium of claim 17, the procedures further comprising:

monitoring, by the application, a time period between a screen unlock of the user device and receipt of the digital tag;

launching, by the application, if the time period is greater than a threshold; and

stopping, by the application, the launch if the time period is less than a threshold.