CLAIMS:

1. A card, comprising:

a processor;

a memory storing physical accommodation information and an authentication certificate; and

a communication interface,

wherein, the processor is configured to:

determine a trust level for the authentication certificate,

generate an accommodation message based on the physical accommodation information and the trust level, and

transmit, via the communication interface, the accommodation message.

2. The card of claim 1, wherein the physical accommodation information comprises device setting information relating to at least one selected from the group of a configuration of a secondary device, an orientation of a secondary device, and an operation performed by a secondary device.

3. The card of claim 2, wherein the processor is further configured to:

request the authentication certificate from the secondary device, and

receive the authentication certificate from the secondary device.

4. The card of claim 2, wherein the processor is further configured to:

generate a uniform resource locator (URL) deep linking to a desired feature on the secondary device, and

transmit, via the communication interface, the URL to the secondary device.

5. The card of claim 1, wherein the physical accommodation information comprises medical information relating to at least one selected from the group of vision, hearing, mobility, height, a movement pattern, a prosthetic, and a mobility device.

6. The card of claim 1, wherein the processor is further configured to include medical information in the accommodation message upon a determination that the trust level is a high degree of trust.

7. The card of claim 1, wherein the processor is further configured to include device setting information in the accommodation message upon a determination that the trust level is a low degree of trust.

8. The card of claim 1, wherein:

the memory further stores a private key, and

the processor is further configured to, prior to transmitting the accommodation message, sign the accommodation message using the private key.

9. The card of claim 1, wherein:

the card comprises a contactless card, and

the communication interface comprises a contactless communication interface.

10. A system, comprising:

a card comprising a processor, a memory, and a communication interface, the memory storing physical accommodation information and an authentication certificate,

wherein the card is configured to:

determine a trust level for the authentication certificate,

generate an accommodation message based on the physical accommodation information and the trust level, and

transmit, via the communication interface, the accommodation message.

11. The system of claim 10, wherein:

the system further comprises a secondary device, and

the card is further configured to transmit the accommodation message to the secondary device.

12. The system of claim 10, wherein, upon receipt of the accommodation message, the secondary device is configured to perform an accommodation action.

13. The system of claim 12, wherein:

the secondary device includes an input/output device, and

the accommodation action comprises adjusting a setting of the input/output device.

14. The system of claim 13, wherein adjusting the setting comprises at least one selected from the group of increasing a font size, increasing volume, increasing contrast, increasing brightness, adjusting a color setting, activating a microphone, activating a speaker, activating a screen reader, decreasing touch screen sensitivity, or adjusting a touch screen input behavior.

15. The system of claim 12, wherein the accommodation action comprises at least one selected from the group of lowering a height of an input device, auto-filling a form, and notifying a third device.

16. The system of claim 11, wherein:

the memory of the card further stores a private key,

the card is further configured to, prior to transmitting the accommodation message, sign the accommodation message using the private key,

the secondary device comprises a processor and a memory, the memory storing a public key, and

the secondary device is configured to decrypt the encrypted accommodation message using the public key and perform an accommodative action responsive to the accommodation message.

17. The system of claim 10, wherein the physical accommodation information comprises at least one selected from the group of a desired font size, a contrast setting, a brightness settings, a color setting, a method of input, a method of output, and a height of an input/output device.

18. A method performed by a card comprising a processor, a memory storing physical accommodation information and an authentication certificate, and a communication interface, the method comprising:

determining a trust level for the authentication certificate;

generating an accommodation message based on the physical accommodation information and the trust level; and

transmitting, via the communication interface, the accommodation message.

19. The method of claim 18, wherein:

the memory further stores a private key, and

the method further comprises, prior to transmitting the accommodation message, signing the accommodation message using the private key.

20. The method of claim 18, wherein the authentication certificate indicates that a secondary device has received a trustworthiness certification.