

A B S T R A C T

According to one embodiment, a portable electronic apparatus which generates a random number and makes a response at a timing associated with the generated random number, including, a reception unit which receives an initial response request from an external device, a recognition unit which recognizes a total time frame number set in the external device based on the initial response request received by the reception unit, a random number generation unit which generates a random number, a communication detection unit which detects communication performed in another portable electronic apparatus, a determination unit which monitors one time frame by using the communication detection unit based on the total time frame number recognized by the recognition unit and the random number generated by the random number generation unit, and determines whether a response to the initial response request is to be transmitted to the external device based on a detection result obtained by the communication detecting unit, and a transmission unit which transmits the response to the external device based on a determination result obtained by the determination unit.



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