DESCRIPTION

INFORMATION PROCESSING APPARATUS, SPEECH RECOGNITION SYSTEM, AND INFORMATION PROCESSING METHOD

TECHNICAL FIELD

[0001]

The present disclosure relates to an information processing apparatus for use in a speech recognition system.

BACKGROUND ART

[0002]

What is called virtual personal assistance (VPA) services for operating devices by speech have started to spread. Patent Literature 1 discloses an information processing apparatus which predicts utterance of a user when the apparatus detected an activation word.

Citation List

Patent Literature

[0003]

PTL 1: Japanese Unexamined Patent Application Publication No. 2017-138476

SUMMARY OF THE INVENTION

TECHNICAL PROBLEM

[0004]

When speech recognition is performed by a cloud server, an activation word for starting transmission of a speech signal from an information processing apparatus to the cloud server is, for example, defined in advance by a provider of a speech recognition service using the cloud server.

[0005]

Embodiments of the present disclosure provide an information processing apparatus capable of starting transmission of a speech signal to a speech recognition server triggered by an activation word other than defined activation words.

SOLUTION TO PROBLEM

[0006]

According to a first aspect of the present disclosure, there is provided an information processing apparatus , including: a speech obtainer which obtains speech of a user; a first controller which, when the first controller recognizes that the speech obtained by the speech obtainer is a first activation word, outputs a speech signal corresponding to a second activation word different from the first activation word; and a second controller which performs an activation process for starting transmission of the speech signal of the speech obtained by the speech obtainer to a speech recognition server when the second controller recognizes that the speech signal output by the first controller indicates the second activation word.

[0006a]

According to a second aspect of the present disclosure, there is provided a speech recognition system, including: the above information processing apparatus; and the speech recognition server.

[0006b]

According to a third aspect of the present disclosure, there is provided an information processing method which is executed by a computer, the information processing method including: obtaining speech of a user; when the speech obtained is recognized to be a first activation word, outputting a speech signal corresponding to a second activation word different from the first activation word; and when the speech signal output is recognized to indicate the second activation word, performing an activation process for starting transmission of the speech signal of the speech obtained to a speech recognition server.

[0007]

For example, these general and specific aspects of the present disclosure may be implemented using, a system, a method, an integrated circuit, a computer program, or a computer-readable recording medium such as a CD-ROM, or any combination of, systems, methods, integrated circuits, computer programs, or computer-readable recording media.

ADVANTAGEOUS EFFECT OF INVENTION

[0008]

The information processing apparatus according to embodiments of the present disclosure is capable of starting transmission of a speech signal to a speech recognition server triggered by an activation word other than defined activation