environment profiles each as a target profile, based on the indoor environment information obtained and the outdoor environment information obtained.

[0126]

The above-described indoor environment control system 10 can provide target profiles with consideration given to outdoor environment information such that an indoor environment would not be deteriorated.

[0127]

In addition, obtainer 24 further obtains one or more items of device information relating to one or more devices 40, for example. When the target profile cannot be reproduced by one or more devices 40 indicated in the one or more items of device information, information processor 22 provides one or more control algorithms for one or more devices 40 for approximating the indoor environment in the building to an indoor environment defined by the target profile.

[0128]

The above-described indoor environment control system 10 can approximate an indoor environment in a building to an indoor environment defined by a target profile, when it is estimated that the target profile cannot be reproduced.

[0129]

In addition, obtainer 24 further obtains one or more items of device information relating to one or more devices 40, for example. When the target profile cannot be reproduced by one or more devices 40 indicated in the one or more items of device information, information processor 22 presents a device required for reproducing the target profile.

[0130]

The above-described indoor environment control system 10 can present a user with a method for reproducing a target profile, when it is estimated that the target profile cannot be reproduced.

[CLAIMS]

[Claim 1]

An indoor environment control system, comprising:

a storage that stores indoor environment profiles each for controlling one or more devices to be used for controlling an indoor environment in a building;

an obtainer that obtains indoor environment information indicating at least one of the indoor environment in the building which has been sensed and the indoor environment in the building which is desired by a user; and

an information processor that selectively provides one or more of the indoor environment profiles each as a target profile, based on the indoor environment information obtained.

[Claim 2]

The indoor environment control system according to claim 1, wherein

the obtainer further obtains one or more items of device information relating to the one or more devices, and

the information processor selectively provides one or more of the indoor environment profiles each as a target profile, based on the indoor environment information obtained and the one or more items of device information obtained.

[Claim 3]

The indoor environment control system according to claim 1 or 2, wherein

the obtainer further obtains outdoor environment information on an outside of the building, and

the information processor selectively provides one or more of the indoor environment profiles each as a target profile, based on the indoor environment information obtained and the outdoor environment information obtained.

[Claim 4]

The indoor environment control system according to any one of claims 1 to 3, wherein

the obtainer further obtains one or more items of device information relating to the one or more devices, and

when the target profile cannot be reproduced by the one or more devices indicated in the one or more items of device information, the information processor provides one or more control algorithms for the one or more devices for approximating the indoor environment in the building to an indoor environment defined by the target profile.

[Claim 5]

The indoor environment control system according to any one of claims 1 to 4, wherein

the obtainer further obtains one or more items of device information relating to the one or more devices, and

when the target profile cannot be reproduced by the one or more devices indicated in the one or more items of device information, the information processor presents a device required for reproducing the target profile.

[Claim 6]

The indoor environment control system according to any one of claims 1 to 5, wherein

the obtainer further obtains one or more items of device information relating to the one or more devices, and

the information processor customizes, based on one or more items of use history information on the one or more devices included in the one or more items of device information, the one or more of the indoor environment profiles selected based on the indoor environment information, and provides the one or more indoor environment profiles customized each as the target profile.

[Claim 7]

The indoor environment control system according to any one

of claims 1 to 6, wherein

the information processor presents the user with (i) information indicating an indoor environment before the indoor environment is controlled using the target profile provided and (ii) information indicating an indoor environment after the indoor environment is controlled using the target profile provided.

[Claim 8]

The indoor environment control system according to any one of claims 1 to 7, wherein

the obtainer further obtains outdoor environment information on an outside of the building, and

the information processor presents the user with (i) information indicating an indoor environment after the indoor environment is controlled using the target profile provided and (ii) information indicating an outdoor environment indicated in the outdoor environment information.

[Claim 9]

The indoor environment control system according to any one of claims 1 to 8, wherein

the obtainer further obtains sensed information indicating an indoor environment in the building which is sensed while or after the indoor environment is controlled using the target profile provided, and

the information processor determines whether the one or more devices need maintenance, based on the sensed information.

[Claim 10]

The indoor environment control system according to claim 9, wherein

when it is determined that the one or more devices need maintenance, the information processor notifies the user that maintenance is necessary.

[Claim 11]

The indoor environment control system according to claim 9, wherein

when it is determined that the one or more devices need maintenance, the information processor places an order for a component to be used for maintenance.

[Claim 12]

The indoor environment control system according to claim 9, wherein

when it is determined that the one or more devices need maintenance, the information processor notifies a maintenance provider that maintenance is necessary.

[Claim 13]

The indoor environment control system according to any one of claims 1 to 12, wherein

the building is a home.

[Claim 14]

The indoor environment control system according to claim 13, wherein

the home is provided with a control device that controls the one or more devices, and

the control device includes the obtainer and the information processor.

[Claim 15]

The indoor environment control system according to claim 13 or 14, wherein

the home includes spaces, and

the indoor environment is controlled for each of the spaces.

[Claim 16]

The indoor environment control system according to any one

of claims 13 to 15, wherein

each of the indoor environment profiles stored in the storage is (i) an indoor environment profile to be used in a building other than a home, (ii) an indoor environment profile obtained by the obtainer from an external device, and (iii) regularly updated.

[Claim 17]

An indoor environment control method executed by a computer, the indoor environment control method comprising:

storing indoor environment profiles each for controlling one or more devices to be used for controlling an indoor environment in a building;

obtaining indoor environment information indicating at least one of the indoor environment in the building which has been sensed and the indoor environment in the building which is desired by a user; and

selectively providing one or more of the indoor environment profiles as one or more target profiles, based on the indoor environment information obtained.

[Claim 18]

A program for causing a computer to execute the indoor environment control method according to claim 17.