

REFRIGERATOR

ABSTRACT

A refrigerator includes a communication device configured to communicate with a controller and a mobile terminal, and a first storage device in which function data and setting data regarding the refrigerator are stored. The communication device is configured to transmit the function data and the setting data to the controller. The controller has a second storage device in which a shelf life database is stored in advance in which shelf lives of storage items are set separately for each storage environment. The controller is configured to receive the function data and the setting data from the communication device, to extract, from the shelf life database on the basis of the function data and the setting data, a storage environment and a shelf life set for the storage environment, the storage environment being suited to a function of the refrigerator and a current setting state of the refrigerator and being extracted as a storage environment in which a storage item designated by a user is to be stored, and is configured to transmit the extracted storage environment and the extracted shelf life to the mobile terminal. The mobile terminal is configured to receive the storage environment and the shelf life and to display the storage environment and the shelf life on a screen of the mobile terminal.

FIG. 4