CLAIMS

[Claim 1]

An order support apparatus comprising:

a product information storage unit that stores a stock amount and a sales amount trend for each product sold in a store;

an order threshold storage unit that stores a first threshold related to the stock amount and a second threshold larger than the first threshold for each product;

a stock amount prediction unit that calculates a predicted value of the stock amount after a predetermined period for each product, based on information stored in the product information storage unit;

a first candidate extraction unit that extracts a product of which the stock amount is less than the first threshold as a first order candidate product;

a second candidate extraction unit that extracts a product of which a predicted value of the stock amount is less than the second threshold as a second order candidate product;

an order unit that performs processing related to ordering of the first order candidate product and the second order candidate product; and

a product position storage unit that stores a display position in the store for each product, wherein

the second candidate extraction unit extracts, as the second order candidate product, a product which is in a predetermined positional relationship with the first order candidate product and of which a predicted value of the stock amount is less than the second threshold, based on information stored in the product position storage unit, and

the predetermined positional relationship is a relationship in which the product and the first order candidate product are within a predetermined distance, or a relationship in which heights of a display shelf in the store for the product and the first order candidate product are the same or within a predetermined difference.

[Claim 2]

An order support method in an order support apparatus which includes a product information storage unit that stores a stock amount and a sales amount trend for each product sold in a store, and an order threshold storage unit that stores a first threshold related to the stock amount and a second threshold larger than the first threshold for each product, the order support method comprising:

a step of causing a stock amount prediction unit to calculate a predicted value of the stock amount after a predetermined period for each product, based on information

stored in the product information storage unit;

a step of causing a first candidate extraction unit to extract a product of which the stock amount is less than the first threshold as a first order candidate product;

a step of causing a second candidate extraction unit to extract a product of which a predicted value of the stock amount is less than the second threshold as a second order candidate product; and

a step of causing an order unit to perform processing related to ordering of the first order candidate product and the second order candidate product, wherein

the order support apparatus further includes a product position storage unit that stores a display position in the store for each product,

the second candidate extraction unit extracts, as the second order candidate product, a product which is in a predetermined positional relationship with the first order candidate product and of which a predicted value of the stock amount is less than the second threshold, based on information stored in the product position storage unit, and

the predetermined positional relationship is a relationship in which the product and the first order candidate product are within a predetermined distance, or a relationship in which heights of a display shelf in the

store for the product and the first order candidate product are the same or within a predetermined difference.

[Claim 3]

An order support program for causing a computer to execute the method according to claim 2.