

[Claims]

[Claim 1]

A computer system comprising a processor part and a memory part, the memory part storing a program, when
5 executed, to cause the processor part to carry out a processing comprising:

predicting a time when a value of a foreign country currency reaches a low value of a specific rank within a predetermined time period, the predicting comprises:

10 dividing the predetermined time period into a plurality of time periods;

determining a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank belongs among the plurality of time
15 periods after the dividing based on past value fluctuation of the foreign country currency; and

repeating, until a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank is determined to belong is the same
20 length as a time when a value of the foreign country currency reaches a low value of a specific rank,

(1) further dividing a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank is determined to belong into a
25 plurality of time periods; and

(2) determining a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank belongs among the plurality of
30 time periods after the dividing based on past value fluctuation of the foreign country currency; and

issuing a purchase request to purchase the foreign country currency at the predicted time.

[Claim 2]

The computer system of claim 1, the determining
35 comprises determining a time period wherein an average value of a value of the foreign country currency is low

among the divided plurality of time periods.

[Claim 3]

The computer system of claim 1 or 2, wherein the determining comprises:

5 determining a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the foreign country currency, using each of a plurality of
10 prediction models; and

 deciding that a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank is determined to belong by more prediction models among the plurality of time periods after
15 the dividing is a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank belongs.

[Claim 4]

The computer system of claim 1 or 2, wherein the
20 determining comprises:

 determining a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the
25 foreign country currency, using each of a plurality of prediction models;

 deciding, for each time period of a first half of the plurality of time periods after the dividing, the number of prediction models that determined that said time period is
30 a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank belongs; and

 deciding that a time period wherein the number of the prediction models is a predetermined number or more is a
35 time period to which a time when a value of the foreign country currency reaches a low value of a specific rank

belongs.

[Claim 5]

The computer system of claim 4, wherein the determining further comprises changing the predetermined number in accordance with a relative position of a time periods after the dividing against an entirety of the predetermined time period.

[Claim 6]

The computer system of any one of claims 1 to 5, wherein the plurality of time periods are 2 time periods.

[Claim 7]

The computer system of any one of claims 1 to 6, wherein the predicting comprises restraining from predicting a time during a predetermined restraining time period from a starting point of the predetermined time period as a time when a value of the foreign country currency reaches a low value of a specific rank.

[Claim 8]

The computer system of any one of claims 1 to 7 wherein the predicting and the issuing are repeatedly carried out.

[Claim 9]

The computer system of any one of claims 1 to 8 wherein the issuing is automatically carried out without input operation of a user for purchasing the foreign country currency at the predicted time when a value of the foreign country currency reaches a low value of a specific rank.

[Claim 10]

The computer system of any one of claims 1 to 9, wherein the low value of a specific rank is the lowest value.

[Claim 11]

The computer system of any one of claims 1 to 9, wherein the low value of a specific rank is the n-th lowest value (n is an integral number of 2 or more).

[Claim 12]

A method performed in a computer system comprising a

processor part, wherein the method comprises:

predicting, by the processor part, a time when a value of a foreign country currency reaches a low value of a specific rank within a predetermined time period, the
5 predicting comprises:

dividing the predetermined time period into a plurality of time periods;

determining a time period to which a time when a value of the foreign country currency reaches a low value
10 of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the foreign country currency; and

repeating, until a time period to which a time when a value of the foreign country currency reaches a low value
15 of a specific rank is determined to belong is the same length as a time when a value of the foreign country currency reaches a low value of a specific rank,

(1) further dividing a time period to which a time when a value of the foreign country currency reaches a
20 low value of a specific rank is determined to belong into a plurality of time periods; and

(2) determining a time period to which a time when a value of the foreign country currency reaches a low
25 value of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the foreign country currency; and

issuing, by the processor part, a purchase request to purchase the foreign country currency at the predicted time.
[Claim 13]

30 A program performed in a computer system comprising a processor part and a memory part, the program being stored in the memory part, wherein once executed in a computer system, the program cause the processor part to carry out a processing comprising:

35 predicting a time when a value of a foreign country currency reaches a low value of a specific rank within a

predetermined time period, the predicting comprises:

dividing the predetermined time period into a plurality of time periods;

5 determining a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the foreign country currency; and

10 repeating, until a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank is determined to belong is the same length as a time when a value of the foreign country currency reaches a low value of a specific rank,

15 (1) further dividing a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank is determined to belong into a plurality of time periods; and

20 (2) determining a time period to which a time when a value of the foreign country currency reaches a low value of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the foreign country currency; and

issuing a purchase request to purchase the foreign country currency at the predicted time.

25 [Claim 14]

A computer system comprising a processor part and a memory part, the memory part storing a program, when executed, to cause the processor part to carry out a processing comprising:

30 predicting a time when a value of a foreign country currency reaches a value of a specific rank within a predetermined time period based on past value fluctuation of the foreign country currency wherein a value fluctuates over time, the predicting comprises:

35 dividing the predetermined time period into a plurality of time periods;

determining a time period to which a time when a value of the foreign country currency reaches a value of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the foreign country currency; and

repeating, until a time period to which a time when a value of the foreign country currency reaches a value of a specific rank is determined to belong is the same length as a time when a value of the foreign country currency reaches a value of a specific rank,

(1) further dividing a time period to which a time when a value of the foreign country currency reaches a value of a specific rank is determined to belong into a plurality of time periods; and

(2) determining a time period to which a time when a value of the foreign country currency reaches a value of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the foreign country currency.

[Claim 15]

The computer system of claim 14, wherein the processing further comprises issuing a transaction request to performs transaction of the foreign country currency at the predicted time.

[Claim 16]

A program performed in a computer system comprising a processor part and a memory part, the program being stored in the memory part, wherein, once executed, the program cause the processor part to carry out a processing comprising:

predicting a time when a value of a foreign country currency reaches a value of a specific rank within a predetermined time period based on past value fluctuation of the foreign country currency wherein a value fluctuates over time, the predicting comprises:

dividing the predetermined time period into a

plurality of time periods;

determining a time period to which a time when a value of the foreign country currency reaches a value of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the foreign country currency; and

repeating, until a time period to which a time when a value of the foreign country currency reaches a value of a specific rank is determined to belong is the same length as a time when a value of the foreign country currency reaches a value of a specific rank,

(1) further dividing a time period to which a time when a value of the foreign country currency reaches a value of a specific rank is determined to belong into a plurality of time periods; and

(2) determining a time period to which a time when a value of the foreign country currency reaches a value of a specific rank belongs among the plurality of time periods after the dividing based on past value fluctuation of the foreign country currency.

[Claim 17]

The program of claim 16, wherein the processing further comprises:

issuing a transaction request to performs transaction of the foreign country currency at the predicted time.