

Calculation schematics

user	capital	%gurantee	% of contribution to pool	Opening balance	Gross profit	Net profit	Closing balance	Profit B/F	Acc balance	

Date:

Pool opening balance:

Pool closing balance:

Pool profit/loss:

Fig A

Notes

Trading period daily is from 12am-11.55 pm

Accounting period is from 11.55pm-12am

1. What happens during accounting period is that the pool closing balance is generated by drawing data from the api
2. The closing balance for the day is used automatically as the pool opening balance for the next day
3. Fig A is generated automatically everyday

Calculation

Capital = edited by admin and remains like that every day till edited

Commission = edited by admin and remains so everyday till edited

%guarantee = edited by admin and remains so till edited by admin

%contribution to pool = $\frac{\text{opening balance of user}}{\text{Total opening balance}} \times 100$

Opening balance = the value of previous day closing balance (if this value is greater than the capital then it should automatically be converted to the value of the capital)

Gross profit = $\frac{\% \text{ of contribution to pool}}{100} \times \text{pool profit/loss}$

Net profit = $\text{gross profit} - \frac{(\text{commission} \times \text{gross profit})}{100}$

Closing balance= if pool profit/loss is positive = opening balance + net profit
If pool profit/loss is negative = opening balance - gross profit/loss

Profit b/f= this is an addition of all the net profit of the user
(when pool profit/loss is positive it automatically calculates and is the cumulative meaning that it is added as long as the acc is created)

Acc balance= opening balance + (profit b/f)