

About Development of the Account Educational System by the Intranet

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Abstract

There is a standard that the Ministry of Education established as the financial report of the education foundation, and an education foundation account system is making that a calculation document is made in accordance with that standard main purpose.

Such an environment is used, in management of the education foundation, however control of execution of the most important budget is taken in the outline of the corporation account and taken, too.

1. LAN/WAN Environment in School

LAN/WAN Environment in School is as Follows Figure 1.

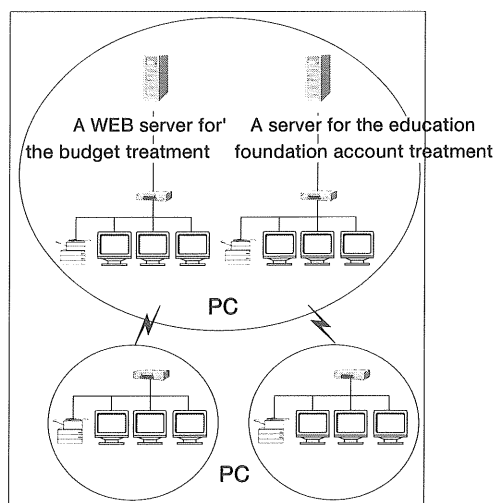


Figure 1 System composition

The point which it should be careful of this environment composition is a communication Protocol: TCP/IP.

A LAN environment : 10BASE is desirable.

It is more than a client environment IE 4.0 Pentium III.

It is desirable to proceed with the compilation of the budget, budget execution, and settlement treatment from both positions of the control of an account, the control of execution.

And, a necessary item is added on the employment side that it goes on as an attached information besides this next year if the summary such as the use of the budget and this budget are temporary, too, whether to occur in the education foundation.

2. Budget execution and the budget executive treatment turn of each client's treatment

It does as the main flow of the (entry example, table 1,2,3) Budget execution and the budget executive treatment turn of each client's treatment education foundation and each client's following.

A budget in the next year is required in consideration of the budget executive actual results of

① Budget bill preparation

Budget bill preparation this year and so on from each section.

Each charge log-in in the data base for the budget treatment, and confirms the budget item which one takes charge of, and inputs a requirement budget next year.

It doesn't necessarily need to make a budget written estimate as a veil vote, and it can think about only even confirmation on the screen fully.

(reference figure 2.1)

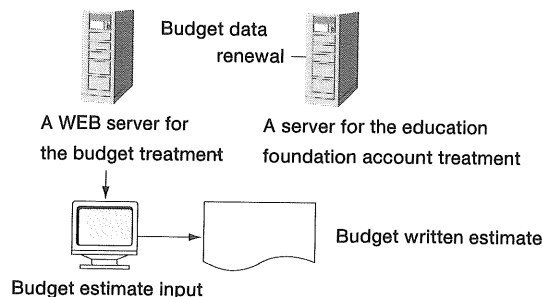


Figure 2.1 The preparation of the budget bill

② **Budget decision**

It is assessed amount and management policy are taken into consideration based on budget decision requirement budget, and it decides it.

It is inputted to the account treatment system after the decision.

It is renewed by collective treatment in the data base for the budget treatment from the account treatment data base.

(reference figure 2.2)

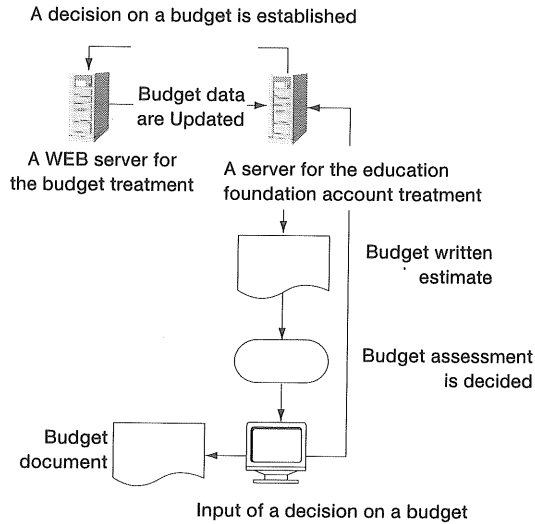


Figure 2.2 A decision on a budget and data renewal

③ **Budget executive first plan**

As for more than budget executive first plan constant forehead, first plan settlement is done.

As for the amount of money and so on, it is based on the school regulation and so on.

A look estimate is taken, and the place of the purchase is decided by the case.

Budget data at this time become payment schedules.

(reference figure 2.3)

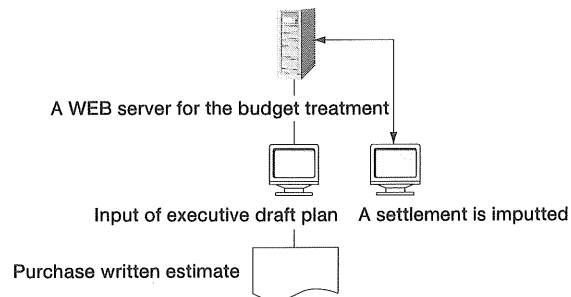


Figure 2.3 The decision of the place of the purchase

④ **Budget executive**

Budget executive budget person in charge confirms delivery it meets necessity. it is ordered from the budget data of the settlement inputs it orders it from the purchase dealer. (reference figure 2.4)

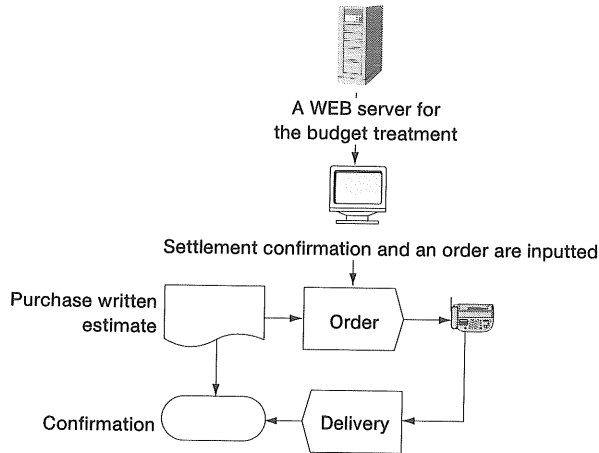


Figure 2.4 Order and delivery confirmation

⑤ **Budget payment**

The bill of the place of budget payment purchase is paid with the purchase slip in the payment section, and it asks for it. (reference figure 2.5)

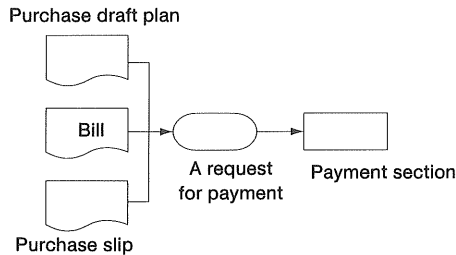


Figure 2.5 Payment

⑥ **Budget payment executive payment**

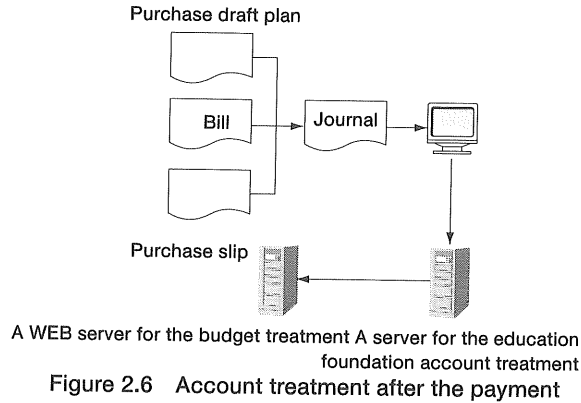
It carries out summary payment to be in the budget in budget payment executive payment section by the payment point after it is confirmed if and it is first plan settlement payment.

Distinction is inputted to the school account system after the payment.

It is renewed in the budget treatment data base more than the account data which distinction was inputted from at the same time, and budget data become payment.

It should make it possible that a purchase slip and distinction slip should be made the same, too.

(reference figure 2.6)



⑦ Revised budget summed up

A revised budget is summed up when it is needed by revised budget summed up above budget.

An executive cycle after a decision on a budget repeats ③ → ④ → ⑤ → ⑥.
(reference figure 2.7)

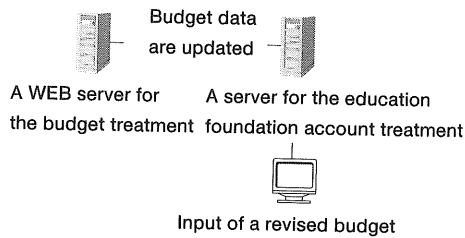


Figure 2.7 The treatment of the revised budget

Summary and Consideration

And, because it is desirable to make it without paper as much as possible, veil vote output is made a necessary minimum, and a method to confirm on preview screen is desirable with the system that an intranet environment is used.

Though of course use with the Internet environment is possible, too, it is needless to say that guard becomes necessary about the secret protection of the data on this case and the hacker invading obstruction all the more.

Table 1 The classified example of control of a section

Big section	Inside section	Small section
Corporation	corporation room	corporation room
		administration department
		accounting department
		ETC
University	university graduate school	○×
		ETC
	Japanese literature college	○×
		ETC
	university commonness	○×
		ETC
Junior college	English literature	○×
		ETC
ETC		

Table 2 Budget item example

Big classification	Budget name
Management	The board of directors
	justice
	general affairs department
	control of personal
	the teaching staff adoption
	the maintenance of the building
Event	school event
	entrance ceremony
	graduation
	hiking
	school festival
	ETC
Education is managed	certificate
	control of a record
	control of health sanitation
	environment maintenance
	ETC
Public information Collection Entrance examination	school advertisement
	explanation meeting entrance examination
	entrance examination
	ETC
Research Training	the teaching staff training
	research—funds
	ETC

Table 3 The necessary item example of the employment side

Department	Budget item	Accounting department	Account subject	The amount of money
corporation corporation room account section	school management	The corporation headquarters		500000 yen

FOOTNOTES

Before making this thesis, it was made to instruct each person of Yoshida, Kobayashi. It appreciates here deeply.

REFERENCES

(1) Fumio Shibui (2000) On accounting system in school and its budget execution control: Information Processing Society of Japan.