

ABSTRACT

[Abstract]

[Object]

To ensure high speed processing in securing the same data to a plurality of DB servers.

[Solving Means]

Provided is a data processing system 10 including a plurality of AP servers and a plurality of DB servers. Each DB server includes a common table to store common business data. Each table has a limitation for prohibiting deletion and update of records. Each AP server is connected to all the DB servers, executes common business processing, sends business data as a processing result to each DB server, and requests addition to a corresponding table. An ID including an identification code of the AP server having executed the processing is assigned to each business data. Each DB server stores an AP-in-charge definition table for defining an AP server in charge of specific business processing that requires exclusive control. In the case of processing that requires exclusive control, each AP server specifies an AP server in charge by referring to the AP-in-charge definition table, and delegates the processing to the AP server. The AP server in charge stores the business processing to a queue, and thereafter sequentially executes the processing according to an FIFO rule.

[Selected Drawing] Fig. 6