

ABSTRACT

Systems and methods for monitoring utilization rates of a plurality of network-connected databases; receiving a first data read request from a first user device for a data element stored in the plurality of network-connected databases; selecting a first target database among the plurality of network-connected databases based on the utilization rates and a load sharing ratios; generating a first data query for a copy of the data element stored in the first target database; and forwarding the copy of the data element from the first target database to the first user device in response to the first data read request.