

Database Management Systems: An Examination using NoSQL

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Abstract: *Solutions that can accomplish infinite scalability, high availability, and vast parallelism are needed to meet the ever-changing demands of modern data management. Achieving excellent performance standards. When managing massive collections of both organized and unorganized data sets that traditional RDBMS are unable to handle, the new breed of applications such as business intelligence, enterprise analytics, customer relationship management, document processing, social networks, Web 2.0, and cloud computing needs to scale horizontally to thousands of nodes. The pace the point at which data is produced by interactive applications used by numerous concurrent users in distributed processing involving a vast number of servers and managing Big Data applications has surpassed the capacity of relational databases, emphasizing the adoption of databases NoSQL. Reducing has been addressed by NoSQL database systems.*

Keywords: Relational databases, NoSQL databases, database management systems, ACID, CAP, and BASE

REFERENCES

- [1]. Syed Abdul Rahman, Rakshitha, 2023, Database Management Systems: A NoSQL Analysis,
- [2]. Mapanga, Innocent & Kadebu, Prudence. (2013). Database Management Systems: A NoSQL Analysis.
- [3]. Mapanga, Innocent, and Prudence Kadebu. "Database Management Systems: A NoSQL Analysis."