

Applied Research

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**Revision Table**

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| 1.0 | 7/10/2022 | Arenco Meevissen | Initial document |
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# Main question

What relation data storage system gives the best storage without compromising the structure and security of the application for my individual project?

# Sub question

## What is the structure I want to keep

With the methodologies: IT architecture sketching, SWOT analysis, Design pattern research

First, I used Design pattern research to search for standard structures.  
Then by using the IT architecture sketching I made an overview with what I currently have and what I plan to do. Then I used SWOT analysis for what the individual parts of my architecture I need and what can be changed.

## What parts of my security of my application will be used for the data storage system

With the methodologies: SWOT analysis, Security test, Design pattern research, Benchmark test

## How big of a storage do I need or in the future

With the methodologies: SWOT analysis, Security test, Design pattern research, Benchmark test

## What data storage systems can be connected to my application

With the methodologies: Available product analysis, best good and bad practices, and Community research.  
I will look at

## How does the top 3 databases based on security and storage interact with my structure

With the methodologies: Data analytics, A/B testing, Guideline conformity analysis, multi-criteria decision making, Decomposition

## How does the top 3 databases based on security, storage and from the last sub question interact with my security

With the methodologies: Data analytics, A/B testing, Guideline conformity analysis, multi-criteria decision making, Decomposition

# Conclusion

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# Recommendation

# References

(DB-Engines Ranking, n.d.)

*DB-Engines Ranking*. (n.d.). DB-Engines. Retrieved October 7, 2022, from https://db-engines.com/en/ranking