**Research**

**Document**

*Crossyn Automotive BV*

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# Research Topics

## Most Appropriate Database Type

Strategies for research:

* Library research: We explored the data that was given to us and checked what other people with similar cases have used in terms of databases;
* Field research: The application is structured in such a way that the data we receive and create is related in most cases.

**What is the type of data that is going to be stored in the database?**

The trips that we are going to build are consisted of data packets that are received by each car. We think that it is unnecessary to store every packet that is used for creation of the trips, because there will not be any additional use of them. Every trip has a vehicle that it has been executed with, therefore it is good to use a relational database to connect each car with the trips that have been made using it.

Additionally, a vehicle can also be connected with a fleet, which has a fleet owner, or with a user.

In conclusion, the most rational choice for the occasion is to use a SQL database for storing the data we receive and create.