

ADR4-SQL

Context

Data storage was a very crucial part of this project, as such a good, reliable database was required.

Decision

SQL was selected for the following reasons:

The SQL database adheres to the relational database model. As such, it helps to structure data in a categorised manner. This gives rise to simple and convenient queries which can be performed to get specific information in a well structured format. This property also makes SQL very fast. When SQL is used, minimal coding is used, as most of the queries are similar to the English language and thus very easy to understand.

Status

Accepted.

Consequences

Learning SQL seemed easy at a high level, however, when the team started, it proved difficult as the queries had to be made in a manner that confirms to mssql. This meant that the queries were not simply the English statements as the team had come to understand from learning about SQL and the relational model at a high level. The team therefore initially struggled with making queries, this meant that numerous stories had to be pushed back to the last Sprint.