# Opportunity Context

The team needs to do this project as part of their degree programme where the team is tasked to find a suitable project customer and develop a solution to meet the customer’s needs.

The chosen customers for this project are people who have an SQL server in their organization and want to know the implementation risks surrounding their database. It is also useful for database administrators who want to verify the configuration of their SQL Server database. It is also for people who have large number of SQL Server instances to be audited. In general, the evaluator tool is for database users who want to find out missing and erroneous database parameters and plan how to address them.

The advantage the tool will deliver to its said customers is that they will obtain database audit reports which they can use to tune their database parameters before it is too late. Also, it will save the customers money as it is usually too costly to hire professionals to evaluate own database systems.

Just to note, the dump file generated by our tool will only contain basic parameter values about the customer’s database. We won’t be actually accessing the customer’s private data which are not related to general database configuration.