

## Application for data entry and validation of Teradata Database



### Overview

A leading provider of data warehouse (DW), business intelligence (BI), data integration, data discovery, analytic, and visualization solutions in the SMB segment has planned to create a .NET based application and integration tool to connect with Teradata database to support data entry, and data validation activities for the applications. Nexgile has partnered with the customer to develop this application. With the help of our solution framework, adaptors, best resources client has obtained the product in record time with the best quality and within the stipulated budget.



### Challenge

Critical challenge of this project is connecting with the Teradata database and performing data validation.



### Solution

Nexgile has analysed the challenges in connecting to Teradata and created the application with the following features –

- Created an application which can use the data provider tool by Teradata to connect to the database
- With the help of available APIs we have developed the application on C# to perform the required operations
- Extracted the data and datasets, performed validation of data
- Created two forms to enter the data and the required details
- Developed a data grid to showcase the extracted data
- Drag and drop feature to align the columns



### Key Benefits

- Enhanced connectivity with the Teradata database
- Analysis and modification of data became very easy
- Reduced project cost due to execution from offshore