# MARMARA UNIVERSITY FACULTY OF ENGINEERING

# COMPUTER ENGINEERING DEPARTMENT

## CSE3055 Database Systems - Project

## Customer Side Database for Banking

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**Aim of the Project**

All of the banks have a big data for storing and controlling. Their database are stored in a big inventory which is a department called 'Data Warehouse'. There are customers, employees and other entities in a bank. But when they are complex inside, we choose only the customer side problem for a bank.

The problem is that how to design a database for customer side of a bank efficiently and applicable. The database should be easy to use, it should allow to make four main operations; add, delete, update and select.

**Methodology**

Our first aim is try to get what our customer wants to solve this problem. We will have the real problem statement and we completely understand what is the problem. Then we will think about the solution approaches.

Secondly, we will determine out entity names and their attributes. We will draw the ER diagram for this project. Then, we will indicate the relations of the entities. When we have our first design, we will extend and improve that design and we make sure that this new design doesn't have any conflicts, error or missing points.

Lastly, we will create the database according to the our design. Then we will test our design to get any errors and fix them before we present our project.

**Software/ Hardware Requirements**

We will use MSSQL for this project.