

CSE 3055 Database Systems Project Proposal

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1 Students

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2 Description

We will design a database system about a project for our customer [Renkli Metal Sanayi ve Ticaret AŞ.](#) The company deals with a wide range of non-ferrous metal products such as brass, copper, stainless steel, plastics, aluminum and their alloys in various forms, including round, squared, hexagonal and rectangular rods, round tubes, pipes and more. These products come in different dimensions, thicknesses, and specific weights, catering to diverse industrial and commercial needs.

Additionally, it includes customer information, capturing details like company names, contact addresses, telephone numbers, and online presence, reflecting the rich array of businesses engaged in the metal industry within Istanbul. These records span different professions, registration dates, and capital investments, showcasing the diversity and scope of the metal trade within the region. The name of the project is **"Database Assisted Metal Manufacturing Company Logistics"**.

Unvan	Semt	İlçe	Website	Nace
ÖZEN	BAYRAMPAŞA	BAYRAMPAŞA	www.ozenaluminyum.com	24.42.21
KURTOĞLU	OKMEYDANI	ŞİŞLİ	www.kurtogluas.com	24.42.21
ÇUHADAROĞLU	BEYLİKDÜZÜ	BEYLİKDÜZÜ	www.cuhadaroglu.com	24.42.21

Table 1: An example from our database.

3 Scope

The database consists of four main parts: customer info, material info, order info and transportation info. Customer info includes attributes such as the company name, address information being the district, contact number, fax number and website. Material info comprises of material name, type, composition, dimensions and weight. Order info has attributes being order id, material id, material amount. Transportation info contains the vehicle id, vehicle type, vehicle load limit and vehicle length.

4 Customer Information

Renkli Metal Sanayi ve Ticaret A.Ş. is a Turkish company, was established in Istanbul and has been operating since 1995. Renkli Metal has a wide range of products and the company exports its products to various countries around the world. Renkli Metal's main goal is to provide high-quality products and services to its customers.

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