Marmara University - Faulty of Engineering

Department of Computer Engineering

CSE3038 Database Systems (Fall 2024)

Submit Date: 08/11/2024.

Project Proposal (Database Application on ADASTEC)		
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♦ The Group Representative is marked in red!

1. Project Description

This project involves developing a database application for the company ADASTEC. The application will organize data related to customer relations, accounting, inventory, and employee information by constructing a comprehensive relational database schema. A proof of concept will be created to demonstrate the system's functionality, simulating a real-world business scenario where all essential information is digitally logged and easily accessible.

2. Scope

The project will work with a limited dataset provided by ADASTEC, resulting in a focused, functional outcome. It aims to establish an interconnected relational network, linking employees, customers, the accounting department, and inventory. This network will improve data accessibility, streamline search functionality, and facilitate data-driven conclusions.

3. Customer Information

ADASTEC Corp. is a software company specializing in enabling SAE Level 4 autonomy in full-sized, full-speed electric public transit buses (ADASTEC Corp.: Overview | LinkedIn, n.d.). The company's headquarters are in Michigan, USA, with an R&D office in Istanbul, Turkey, and operations offices in the Netherlands and Sweden. This project will use data from their R&D office located at "BUDOTEK Teknopark, Dudullu OSB DES 2. Cad 8/22, Umraniye, 34776 Istanbul," with the contact email "info@adastec.com."

4. Customer Documentation

The complete customer document, including trade registration details, is provided in the project submission file under the name "company_trade_registration_document.pdf."

5. Bibliography

ADASTEC Corp.: Overview | LinkedIn. (n.d.). Retrieved November 13, 2023, from https://www.linkedin.com/company/adastec/