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# RED (Real Estate Database)

Group 8

Robert Drescher, Arianna Mills, Lisa Zhang

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# Problem Statement

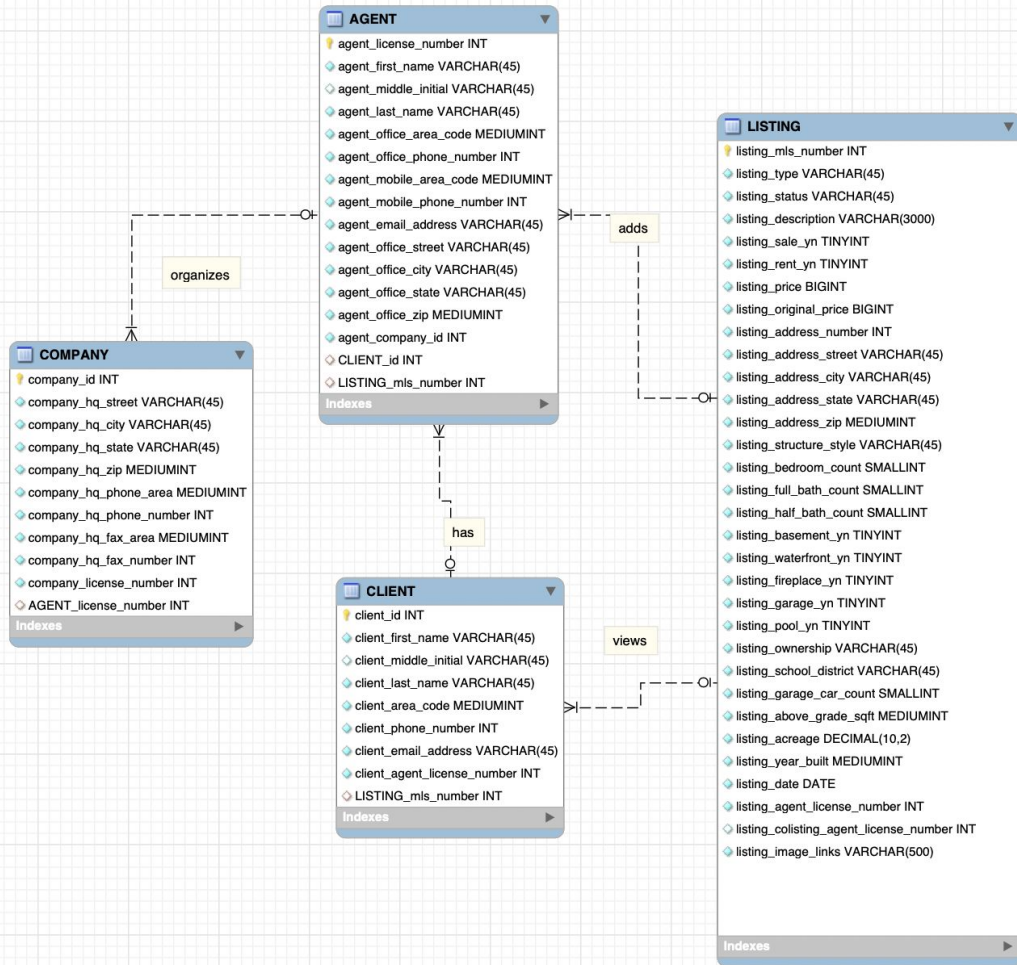
A database system for real estate agents to be able to create, edit, and delete house listings, while clients are able to view and search any existing properties.

# Functional Requirements

- Agents should be able to add and edit house listings in the database
  - DB Table: LISTING
- Users should be able to search through properties on the database
  - DB Table: LISTING
- Database will store and display agent information
  - DB Table: AGENT
- Database will store and display client information
  - DB Table: CLIENT
- Database will store and display company information
  - DB Table: COMPANY
- House listings should display pictures and basic information such as the status
  - DB Table: LISTING

# ER Diagrams

- 4 entities
  - AGENT
  - LISTING
  - COMPANY
  - CLIENT
- List of attributes
- Relationships



# Tools, Frameworks and Technologies

- Tools
  - GitHub
  - Visual Studio Code
  - MySQL Workbench
- Frameworks and Technologies
  - MariaDB
  - Python 3
  - Flask
  - HTML
  - CSS
  - JavaScript

DEMO:

<https://youtu.be/4cVcj1VLGfY>