Data Management and Storage

FINAL PROJECT

Socially Anxious Real Estate

"Leave physical interaction behind"

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Socially Anxious Real Estate

A web based real estate business, with properties based out of Portugal.

Social anxious real estate is for the everyday person who does not want to have trying trips to properties and endless conversations with real estate agents. With our 100% online based business model, the customer can have a stress-free experience whilst acquiring a new home.

Through virtual reality technology the customer can see the property without all the hassle of actually traveling and being outside!

Our customers can look up the houses through our website, and by creating an account they can set appointments and meet with our real estate agents through a quick video chat, on which they can discuss the details about the properties and set up the sales.

We have properties both for sale and for renting, the sellers (owners) need only to create an account and contact our agents, which will log the property into the system and set up the VR videos for the potential buyers to browse.

S.A Real Estate stores information about everyone who creates and account and every apartment sold, the contract is celebrated online through our website, upon which the customer may give a rating for the whole procedure, and we are proud to say that so far our clients are satisfied with the virtual house buying experience.

Due to the nature of our business, we deal with a lower volume of data and so far, have had no performance issues with the business processes on the customer- end or the business-end.

ERD

appointments
- APPOINTMENT_ID INT
- DATE DATETIME
- NOTES VARCHAR(10)
- Agent_ID INT
- Costumer_ID INT
- Property_ID INT
- Indexes

realestateagent
- Agent_ID INT
- FIRSTNAME VARCHAR(40)
- LASTNAME VARCHAR(40)
- User_ID INT
- Indexes

properties
- Property_ID INT
- RentOrSale VARCHAR(40)
- Property_type VARCHAR(40)
- NumberOfRooms VARCHAR(...
- Size INT
- Price VARCHAR(40)
- Address VARCHAR(100)
- ZipCode VARCHAR(50)
- Owner_ID INT
- City VARCHAR(45)
- location_ZipCode VARCHAR(...
- Indexes

contract
- CONTRACT_ID INT
- STATUS VARCHAR(40)
- Property_ID INT
- Costumer_ID INT
- Agent_ID INT
- Costumerrating FLOAT
- Date DATETIME
- Indexes

costumer
- Costumer_ID INT
- FIRSTNAME VARCHAR(40)
- LASTNAME VARCHAR(40)
- Address VARCHAR(100)
- ZipCode VARCHAR(50)
- User_ID INT
- Indexes

owner
- Owner_Id INT
- FIRSTNAME VARCHAR(40)
- LASTNAME VARCHAR(40)
- User_ID INT
- Indexes

invoice

location
- City VARCHAR(45)
- ZipCode VARCHAR(45)
- Town VARCHAR(45)
- Indexes

login
- USER_ID INT
- EMAIL VARCHAR(40)
- CONTACT INT
- USERNAME VARCHAR(40)
- PASSWORD VARCHAR(40)
- ADMIN VARCHAR(40)
- Indexes