
DBS301SCC
Assignment 2 : Design
(Hamilton Real Estate)

Group C2
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by:

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Business Rules

Advertising ⇔ Advertising Outlet

- One ad can be posted by one ad outlet
- One ad outlet can post many ads

Advertising ⇔ Advertising Type

- One ad can have one type (newspaper, website, etc.)
- One ad type can be used in many different ads

Advertising ⇔ Agency

- One agency can post many property advertisements
- One advertisement can be posted by one agency

Advertising ⇔ Property

- One property can have many ads
- One ad can apply to one property

Agency ⇔ Agent

- One agency can have many agents
- One agent can be part of one agency

Agency ⇔ Address

- One agency can have one address
- One address applies to one agency

Address ⇔ Property

- One property can have one address
- One address applies to one property

Address ⇔ School

- One address applies to one school
- One school has one address

Address ⇔ Personal Info

- One address can have many people's personal info
- One person's info can be part of one address?

Address ⇔ Property

- One address can be a part of many properties?
- One property can have one address

School ⇔ School Type

- One school can have one type (high school, middle school, etc.)
- One type can be a part of many schools

Personal Info ⇔ Agent

- One agent can have one set of personal info
- One set of personal info can apply to many agents

Personal Info ⇔ Client

- One client can have one set of personal info
- One set of personal info can apply to many clients

Personal Info ⇔ Owner

- One owner can have one set of personal info
- One set of personal info can apply to many owners

Personal Info ⇔ Referral

- One person receiving a referral commission can have one set of personal info
- One set of personal info can apply to many people receiving a referral commission

Agent ⇔ Property Purchase

- One agent can be hired for many property purchases
- One property purchase can be handled by one agent

Agent ⇔ Property Sale

- One agent can be hired for many property sales
- One property sale can be handled by one agent

Owner ⇔ Property Sale

- One owner can sell many properties
- One property sale is performed by one owner

Owner ⇔ Property

- One owner can own many properties
 - One property can have many owners
- (Inclusion of Property Ownership bridge table)

Property ⇔ Referral

- One property can be referred by many referrers
 - One referrer can refer many properties
- (Inclusion of Referral Commission bridge table)

Property ⇔ Amenity

- One property can have many amenities
 - One amenity can be applied to many properties
- (Inclusion of Property Feature Amenity bridge table)

Client ⇔ Property

- One client can purchase many properties
 - One property can be purchased by many clients
- (Inclusion of Property Purchase bridge table)

Client ⇔ Amenity

- One client can want many amenities
 - One amenity can apply to many clients
- (Inclusion of Client Wish List bridge table)

Client ⇔ Feature

- One client can want many features
 - One feature can apply to many clients
- (Inclusion of Client Wish List bridge table)

Feature ⇔ Property

- One property can have many features
 - One feature can apply to many properties
- (Inclusion of Property Feature Amenity bridge table)