

Project Phase 2

ER diagram

Changes made to the original database:

The following changes are made in the original database to make a proper entity relationship (ER) diagram as required by project phase 2.

1. The InvestmentMadeInRealEstate relationship is now defined as an identifying relationship for RealEstateInvestment.
2. A new identifying relationship has been introduced between the RealEstateInvestment and Project entities, indicating that a RealEstateInvestment is directly tied to a specific Project.
3. The relationship between RealEstate and RealProperty is implied through the subclass diagram in the ER diagram, suggesting that RealEstate is a generalization of RealProperty.
4. Modified the data type of the RealProperty.CurrentOwner attribute to INT, to represent the current owner as an integer.
5. Added relationships for the currently unused or idle entities, Marketing Firm and Tenant, to better reflect their roles and interactions within the system.

NOTE: ER diagram was submitted along with the report.