

Module 10 Problem 6

Conversions used:

- Using the entity type conversion rule convert Owner and Property to tables. Using this we have, OwnId as primary key and OwnName, OwnPhone as the other columns for Owner table and PropId as the primary key and BldgName, UnitNo, Bdrms as the other columns for Property table.
- Using the M-N relationship rule we have a new entity Shares with OwnId and PropId as primary keys and foreign keys and StartWeek, EndWeek as the other attributes. Also, OwnId will have the not null constraint as the minimum cardinality on the Owner side is 1 but on Property side is 0.

The tables obtained are:

- Owner (OwnId, OwnName, OwnPhone)
- Property (PropId, BldgName, UnitNo, Bdrms)
- Shares (OwnId, PropId, StartWeek, EndWeek)
 - FOREIGN KEY (OwnId) REFERENCES Owner
 - FOREIGN KEY (PropId) REFERENCES Property
 - OwnId NOT NULL