

# Roommate and Accommodation Management System

## Improvements and changes made :

### 1) Foreign Keys:

Previously from the P2 ERD the new updated ERD consists of Foreign Keys to every applicable entity as it is a logical ERD.

### 2) Replacing Age:

The P2 ERD consists of age as an attribute which has been replaced by DOB in the P3.

### 3) Relationship between Property and Lease details:

The P3 ERD consists of a new relationship between Lease Details and the Roommate group, hence in P3 the Lease Details is between Property and Roommate Group.

### 4) Relationship between Property and Communication:

In the P2 the relationship was between communication and property entity, in P3 ERD the relationship has been updated and modified between Communication and Owner, and Communication and Roommate.

### 5) Modification in Subtypes:

In P3 as it is a logical ERD, we have introduced new tables for each subtype.

### 6) Relationship Upgrade:

The P3 ERD consists of removal of all many to many relationships, by introducing new tables as per requirement.

