Database Modelling

Name of student

Name of professor

University

Course

Date

In the previous exercise, we chose an Estate security application. In this particular exercise, we shall build the database prototype of this particular application. The prototype of the application shall look like as follows based on the relevant tables;

Table classes;

* Tenants tables
* Officials table
* Partners table
* Crime tables
* Payments tables
* Roles table
* Location tables
* Forums table

The business rules associated with this application are as follows:

1. A forum can have several tenants
2. A tenant can have many payments
3. Many payments can have many tenants
4. A crime can have many locations
5. A location can also have many crimes
6. A role can have many users
7. A user can have on one role
8. A partner can only have one role
9. An official can have only one estate location

The ERD diagram for the above looks as follows:





