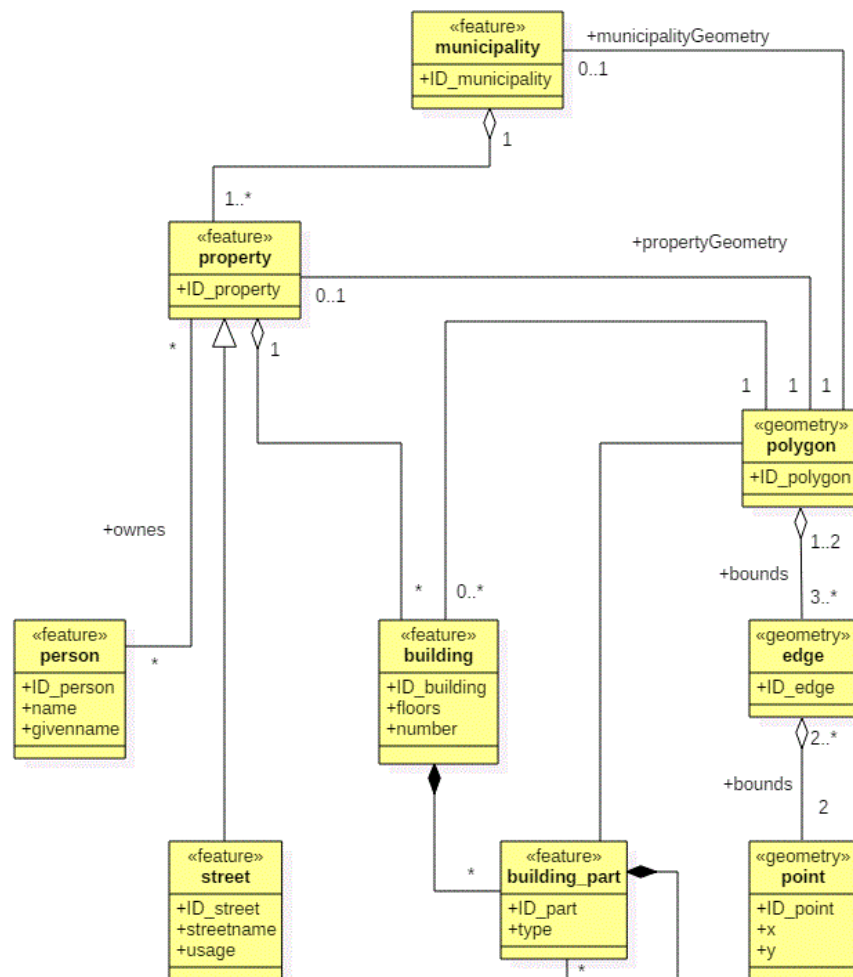


Exercise 2015-11-19: Data Integrity and DB Mapping

1. Database Mapping: From Data Model to Relational Tables

The following UML diagram represents the model of a simplified cadastre database. Your task now is to map the UML classes to relational tables (use table names with extension **_s**, e.g. **municipality_s** etc.). Transfer the data from table **students_2013_s** to table **person_s**.



Question:

Try to delete the table **person_s**. But now the constraint 'every parcel is owned by a person' is violated. How to ensure the referential integrity of your database?

Deadline: Nov 26, 12 am – please upload your homework to ISIS.