

# TP 02 - C

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Engenharia de Dados e Conhecimento  
2016/2017

# Third Part

- A New Application
  - Properties Management
  - Data Management in XML Format

# The New Application (i)

- Create a new application to manage properties (houses, apartments)
- For each property it must be collected :
  - The number of land register, which uniquely identifies the property, the address of the property. Also relevant is the property value matrix (\$\$\$).
    - Note: Here the name of the city, the street and the port number have an increased semantic value.
- For each owner must be collected:
  - Tax identification number, name and date of purchase
    - Note: in this case, a property can only have one owner at a time, which implies careful when managing dates.

# The New Application (ii)

- It is intended that the application is able to:
  - Add new property;
  - Edit property;
  - Add property owner;
  - Edit property owner;
  - Delete property owner;
  - List the properties organized by municipality;
    - Note: The list should indicate the total asset value per municipality.
  - Find properties of a person through the tax identification number of the user.
    - Note: The list should indicate which ones are still in their possession, ie, those in which the person is the last owner (date of purchase).