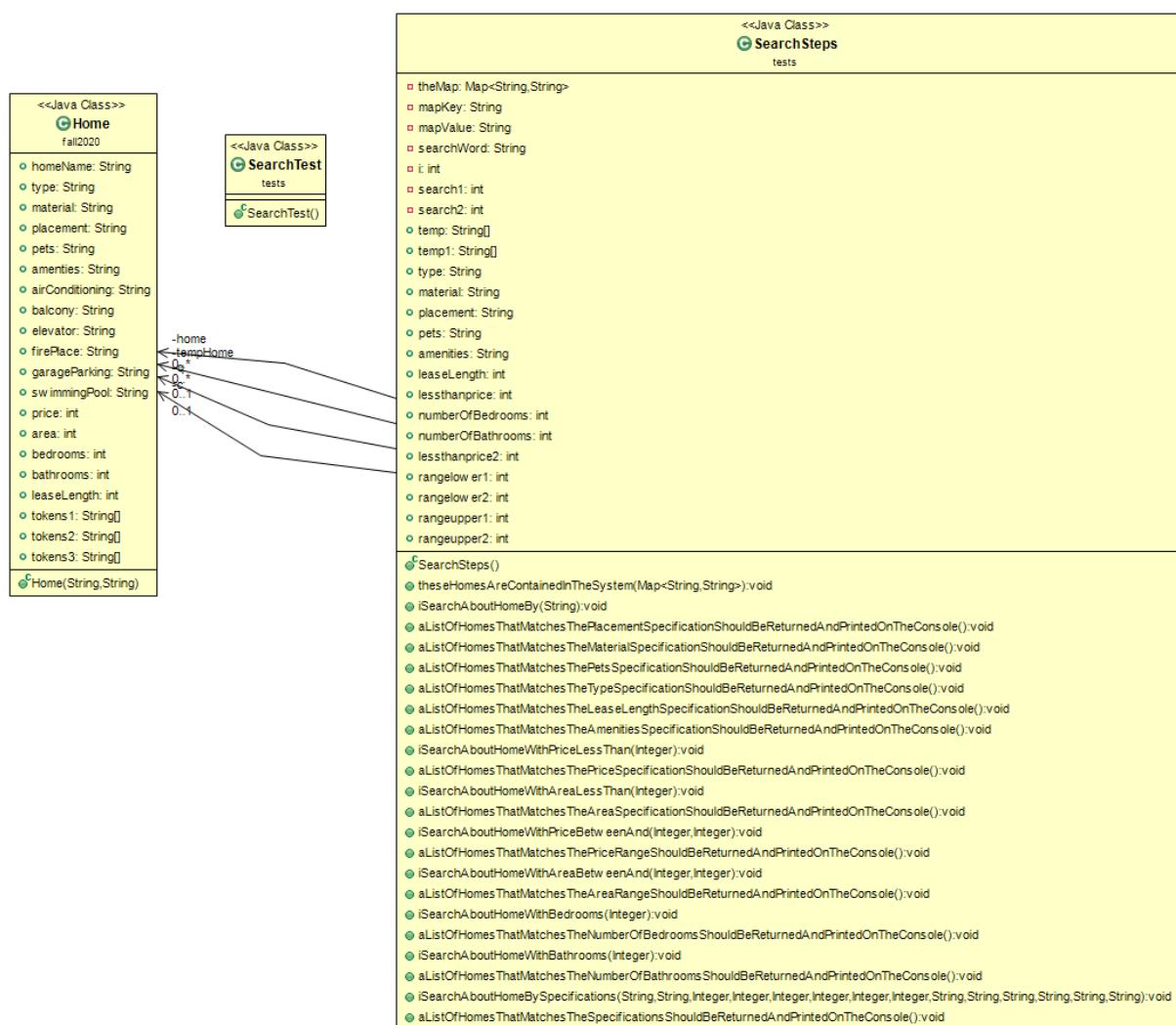


Assignment 1

This is the class diagram of our project



This is the output of our project as 2 pictures because it didn't fit in one picture:

The screenshot shows the Eclipse IDE interface with three main panes:

- Package Explorer:** Shows a tree view of test cases under the package `tests`. One test case, `SearchTest [Runner: JUnit 4]`, is expanded, showing various search scenarios.
- Console:** Displays the command-line output of the test run, showing 38 passed tests and 0 failures.
- Search.feature:** Displays the Gherkin feature file content. It includes a feature for searching suitable homes, examples for placement and material filters, and scenarios for price ranges and specific price thresholds.

```

Feature: Search about suitable home
  Given these homes are contained in the system
    |HOUSE_WOOD_VILLAGE_NO_GARAGEPARKING,FIREPLACE,ELEVATOR| 510_150_3_2_6
    |APARTMENT_BRICK_CITY_NO_ELEVATOR | 230_120_4_2_12

  Scenario Outline: Search home by placement
    When I search about home by <placement>
    Then A list of homes that matches the placement specification

  Examples:
    |placement|
    |"CITY"|
    |"VILLAGE"|

  Scenario Outline: Search home by material
    When I search about home by <material>
    Then A list of homes that matches the material specification

  Examples:
    |material|
    |"STONE"|
    |"BRICK"|
    |"WOOD"|

  Scenario: Search about home with less than a specific price
    When I search about home with price less than 400
    Then A list of homes that matches the price specification

  Scenario: Search about home with price between range of prices
    When I search about home with price between 100 and 400
    Then A list of homes that matches the price range should
  
```

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  Examples:
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    |"BRICK"|
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  Scenario: Search about home with less than a specific price
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