# Object Oriented Design

Application: **RentingJ&MA**

Date: 05/03/18

# Class Diagram

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# COMMENTS TO THE DIAGRAM:

# We decided to create an abstract class “User” whose sons are “Guest” and “Host” (these are the registered users). This can be a problem if we have someone who is a Guest and Host, but we think that these types of users can be registered two times.

# We decided to make another class for the registered user “Admin” who can only access to the non-approved offers.

# We decided to create an abstract class “Comment” whose sons are “Text” and “Numerical”. We use this class to comment and rate offers and comments.

# We decided to make a class “Reserve” which includes a house, the guest who reserves the offer and initial date of the reserve.

# We decided to include the offers, the users, the admin and the houses in the system to have better access to all of them.

# We decided to include a modifyDate in the offer in order to know when to delete an offer