# 实体类设计

1. User（基本信息）
   1. id（手机号）
   2. password
   3. name
   4. pic 头像
   5. email 邮箱
   6. qq
   7. weichat 微信
   8. detail 个人详述
   9. points 积分
   10. role
   11. back1
   12. back2
2. ChargeRecord
   1. id
   2. title
   3. user\_id
   4. time
   5. money\_num
   6. point\_num
   7. status
   8. back1
   9. back2
3. TransRecord
   1. id
   2. buyer\_id
   3. seller\_id
   4. time
   5. title
   6. point\_num
   7. paper\_id
   8. status
   9. back1
   10. back2
4. QuesBank
   1. id
   2. describe
   3. name
   4. teacherId
   5. create\_time
   6. update\_time
   7. List<Ques>
5. Ques（可属于多个题库）
   1. id
   2. teacher\_id
   3. stem题干
   4. explanation解析
   5. diff 难易程度
   6. List<QuesBank>
   7. answer
6. xzQues（含多选）
   1. opA
   2. opB
   3. opC
   4. opD
   5. type
7. pdQues
8. tkQues
   1. numBlanks
9. jdQues
   1. Min\_length
   2. Max\_length
10. bcQues
    1. result
    2. language
11. category
    1. id
    2. name
    3. List<exam>
    4. teacher\_id
12. exam（考试类型可以有多个）
    1. id
    2. title
    3. teacher\_id
    4. create\_time
    5. List<cate> //分类
    6. List<Ques> //试题集合
    7. List<Integer> marks //试题原有分数
    8. List<user> //允许答题
    9. time
    10. needCamera
    11. isPublic
    12. price
    13. diff
    14. timeStart
    15. timeStop
    16. timePublicMarks
    17. timeLast
    18. maxSwitch
    19. allowBrowseAfterTime
13. paper
    1. id
    2. exam\_id
    3. student\_id
    4. time\_enter
    5. time\_submit
    6. List <OneAnswer>
    7. Total\_marks
    8. numSwitch
    9. num1
    10. num2
    11. num3
14. OneAnswer
    1. paper\_id
    2. ques\_id
    3. answer
    4. marks
15. examRecord（教师看）【VO】
    1. id
    2. exam\_id
    3. List<Integer> marks
16. Class
    1. Id
    2. Name
    3. description
    4. List<User> id