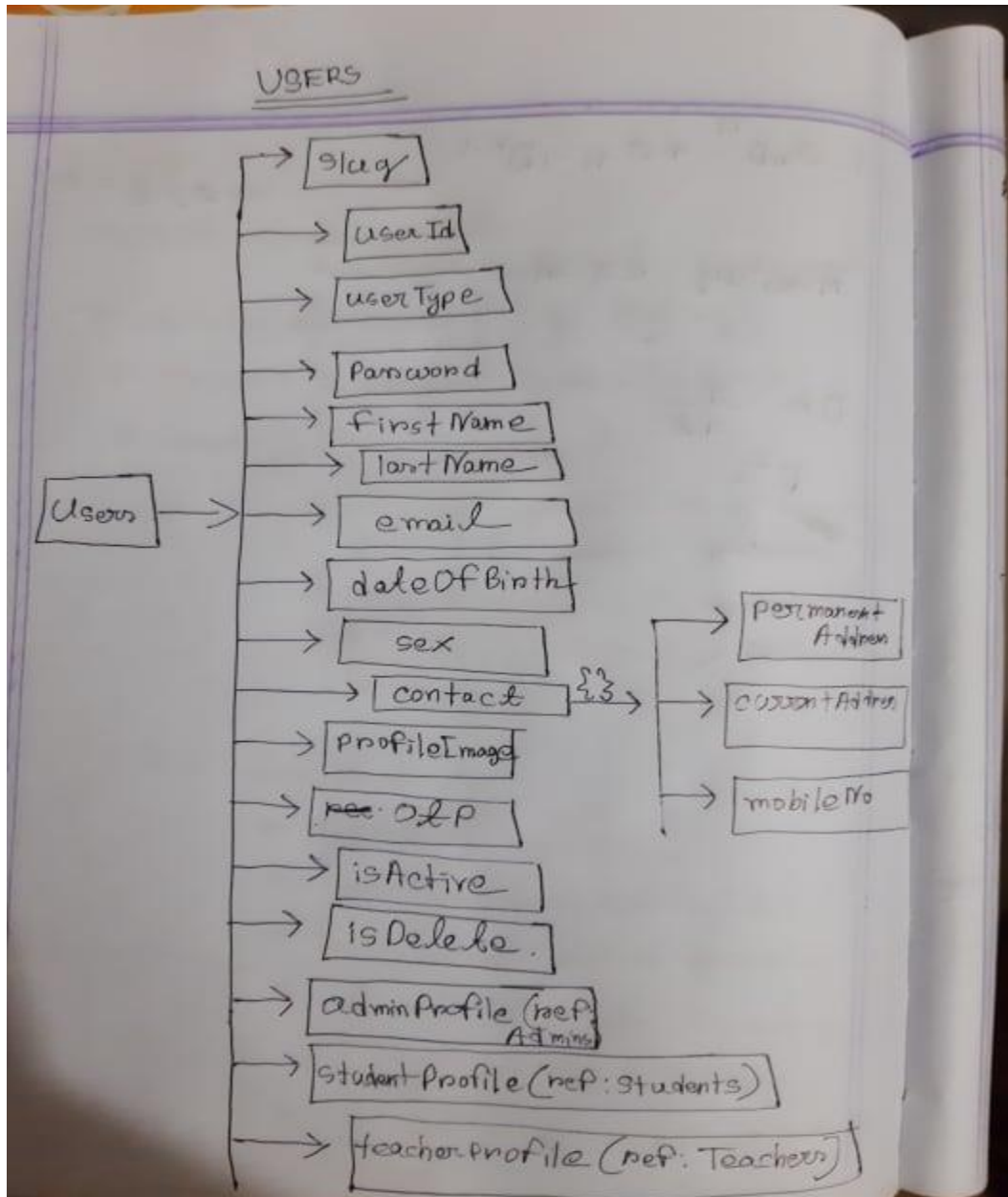


# **Database Design**

## TABLE OF CONTENTS

SL	Schema Name	Page Number
01	Users	3 - 4
02	Admins	5 - 6
03	Student	7 - 8
04	Teacher	9 - 10
05	Course	11 - 12
06	Quiz	13 – 14
07	Question	15 - 16
08	Result	17 - 18

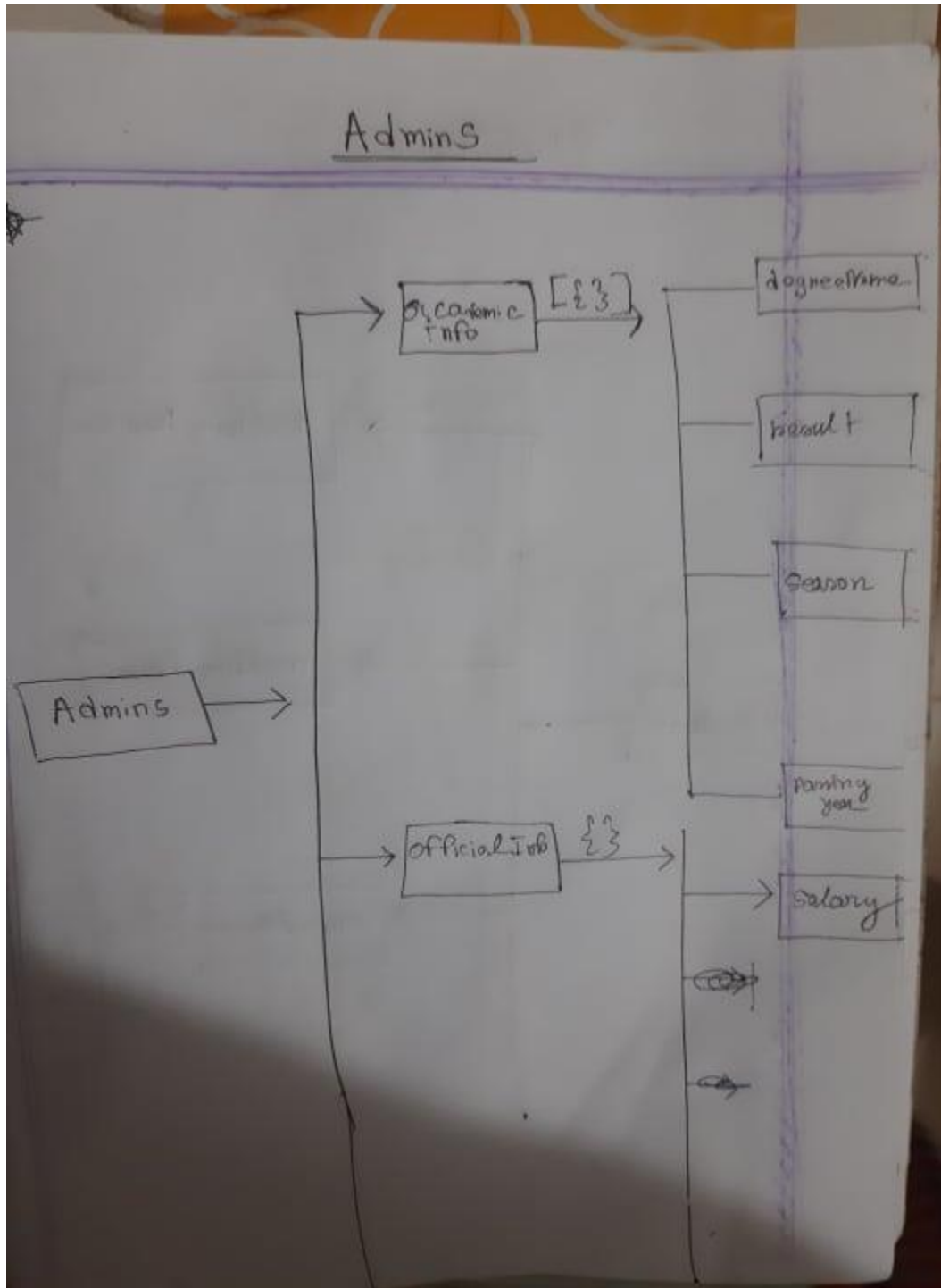
## Users Schema



**Both Side Relation With:**

1. **Admins** (when we create a new admin then we need to put the Admin's schema as a ref and in the Admin schema keep the User's ref as well)
2. **Students** (when we create a new student then we need to put the Student's schema as a ref and in the Student's schema keep the User's ref as well))
3. **Teachers** (when we create a new teacher then we need to put the Teacher's schema as a ref and in the Teachers schema keep the User's ref as well))

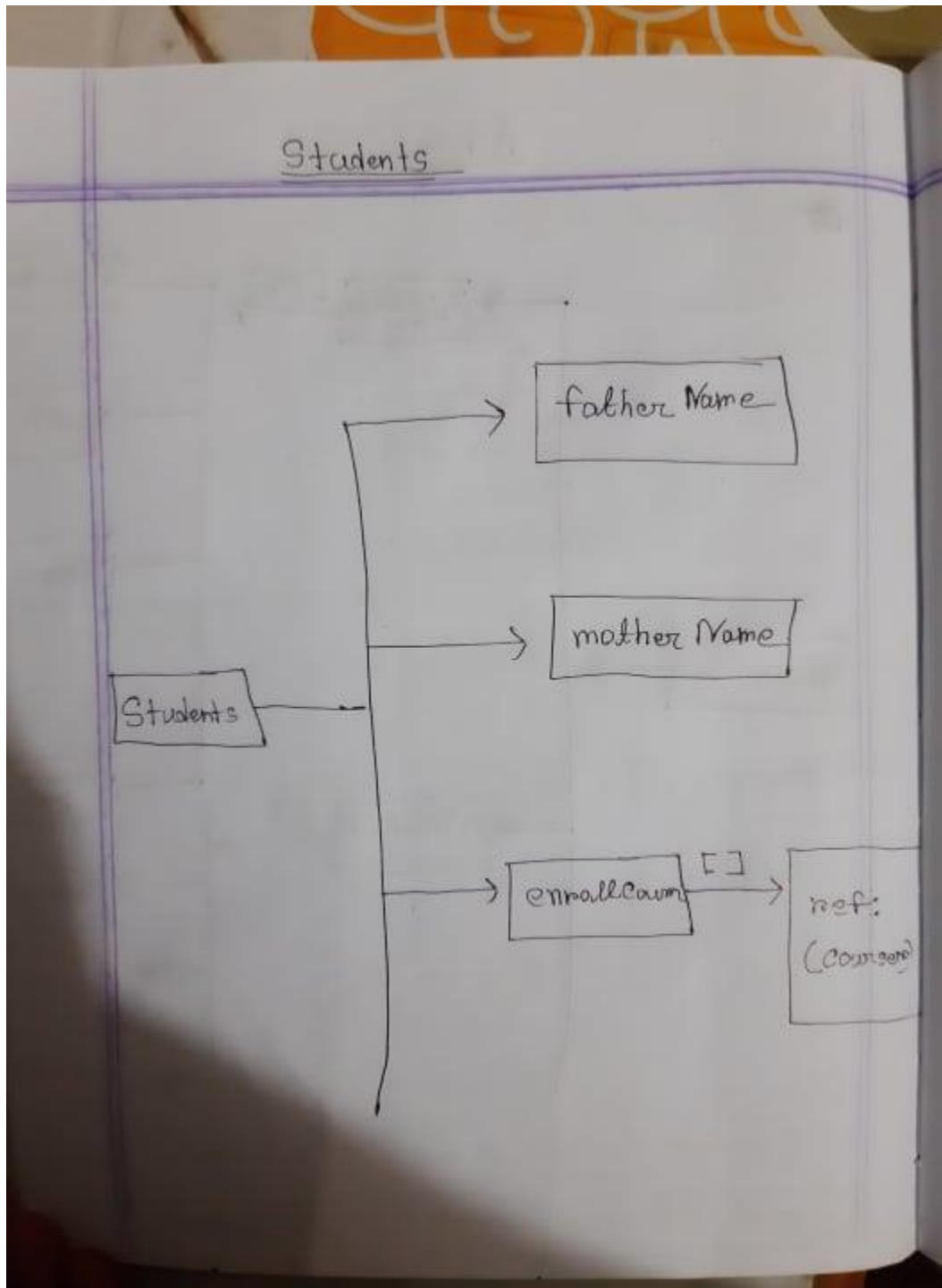
## Admins Schema



**Both Side Relation With:**

1. **Users** (when we create a new admin user then we need to put the Admin's schema as a ref in the User Schema and in the Admin schema keep the User's ref as well)

## Students Schema

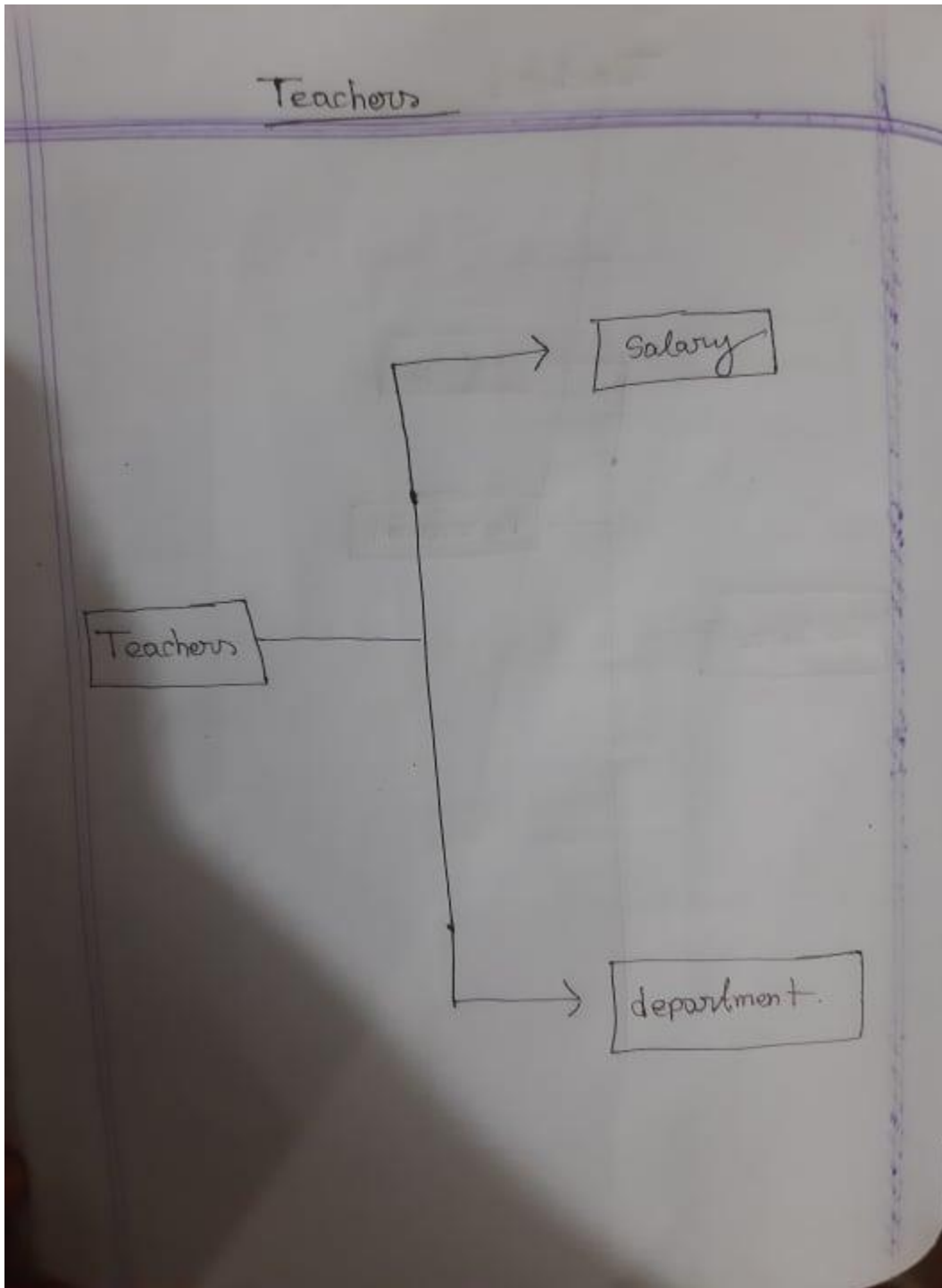


**Both Side Relation With:**

1. **Courses** (when student enrolled a new course then he or she needs to put the course id here as a ref and also put the Student's id in the Course Schema)
2. **Users** (when we create a new student user then we need to put the Student's schema as a ref in the User's Schema and in the Student's schema keep the User's ref as well))



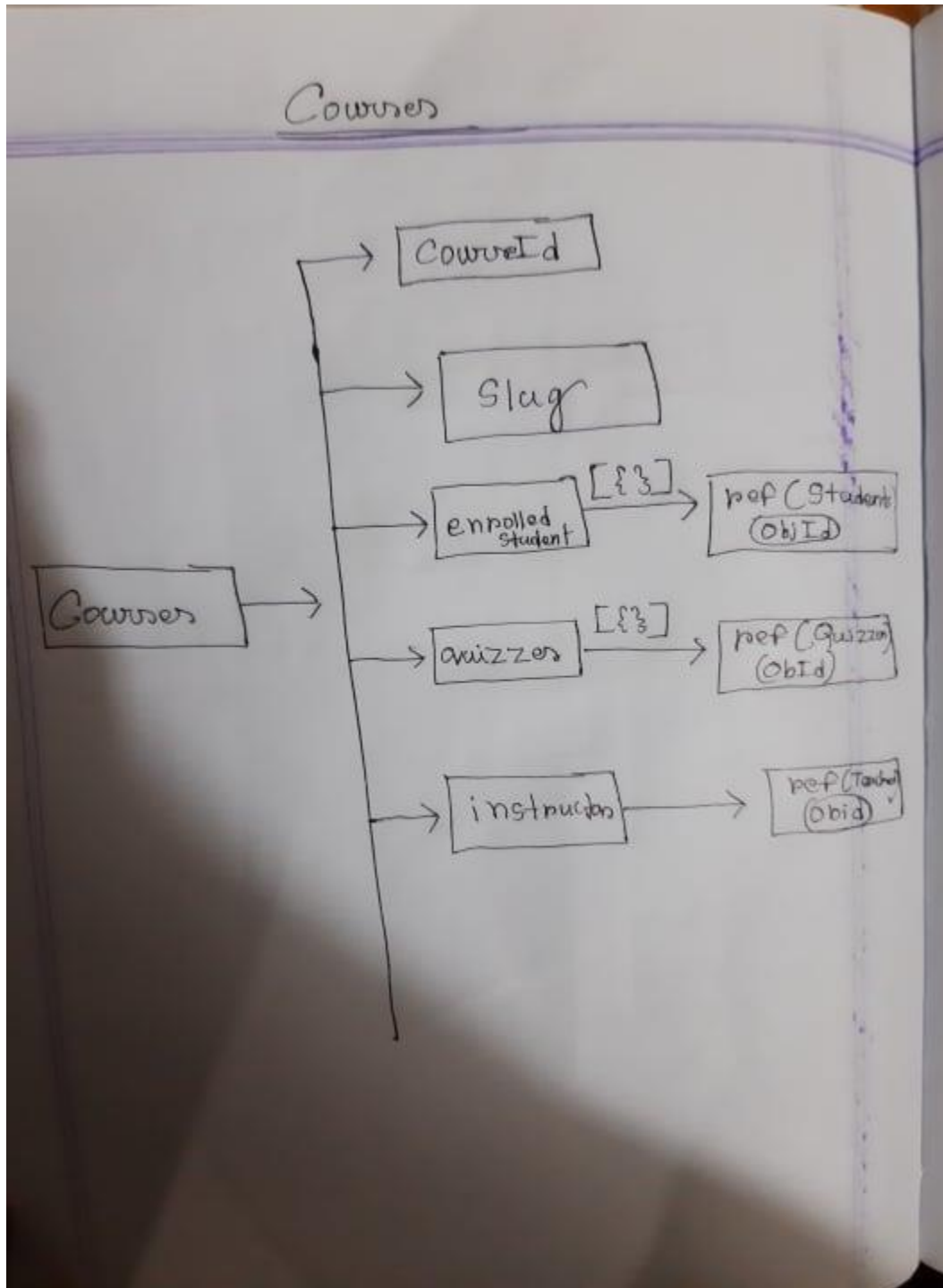
## Teachers Schema



**Both Side Relation With:**

1. **Users** (when we create a new student user then we need to put the Student's schema as a ref in the User's Schema and in the Student's schema keep the User's ref as well))

## Courses Schema



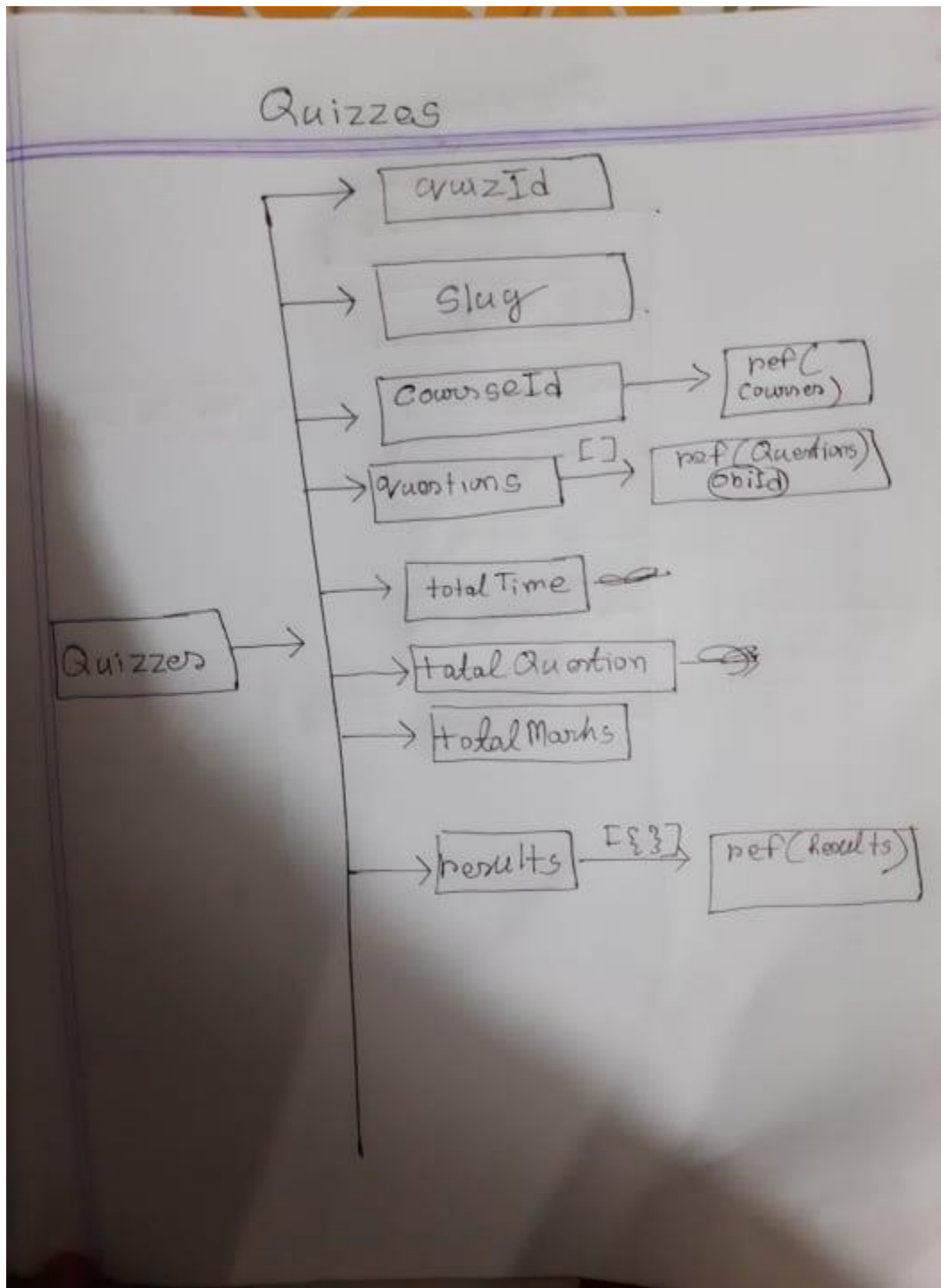
**One Side Relation With:**

1. **Student** (when student enrolled a new course then he or she needs to put the course id here as a ref and also put the Student's id in the Course Schema)
2. **User** (when student user enrolled a new course then he or she needs to put the User schema id here as a ref)
3. **Teachers** (when we create a new course then a Teachers Schema Object id will store here as a ref)

**Both Side Relation with:**

1. **Quizzes** (when we create a new quiz then that Quizzes schema id will be store here as a ref and in the Quizzes Schema This Course Schema Id will be store as a ref)

## Quiz Schema



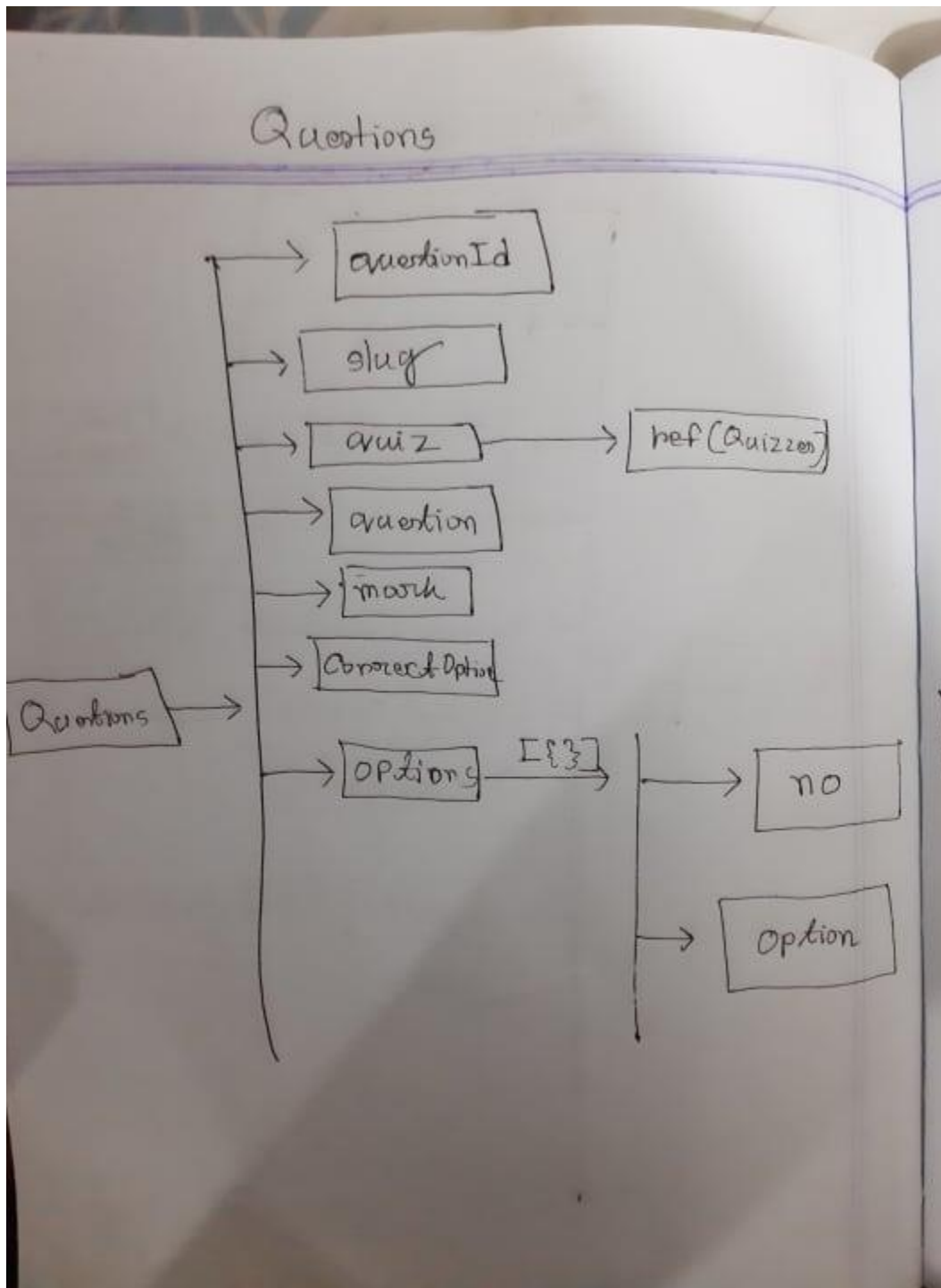
### One Side Relation With:

1. **Client** (when we create a new blog we need to store the logged in user object id here as a ref )

### Both Side Relation with:

1. **Courses** (when we create a new quiz then that Quizzes schema id will be store here as a ref and in the Quizzes Schema This Course Schema Id will be store as a ref)
2. **Questions** (when we create a new quiz then all question of that quiz will store as a Question Schema object id and In the Questions Schema Quizzes object id will be store as a ref )
3. **Results:** (when a result will generate that time it will Store the Result's object Id here as a ref and in the Result Schema this Quizzes Schema Id will be store as a ref)
- 4.

## Questions Schema

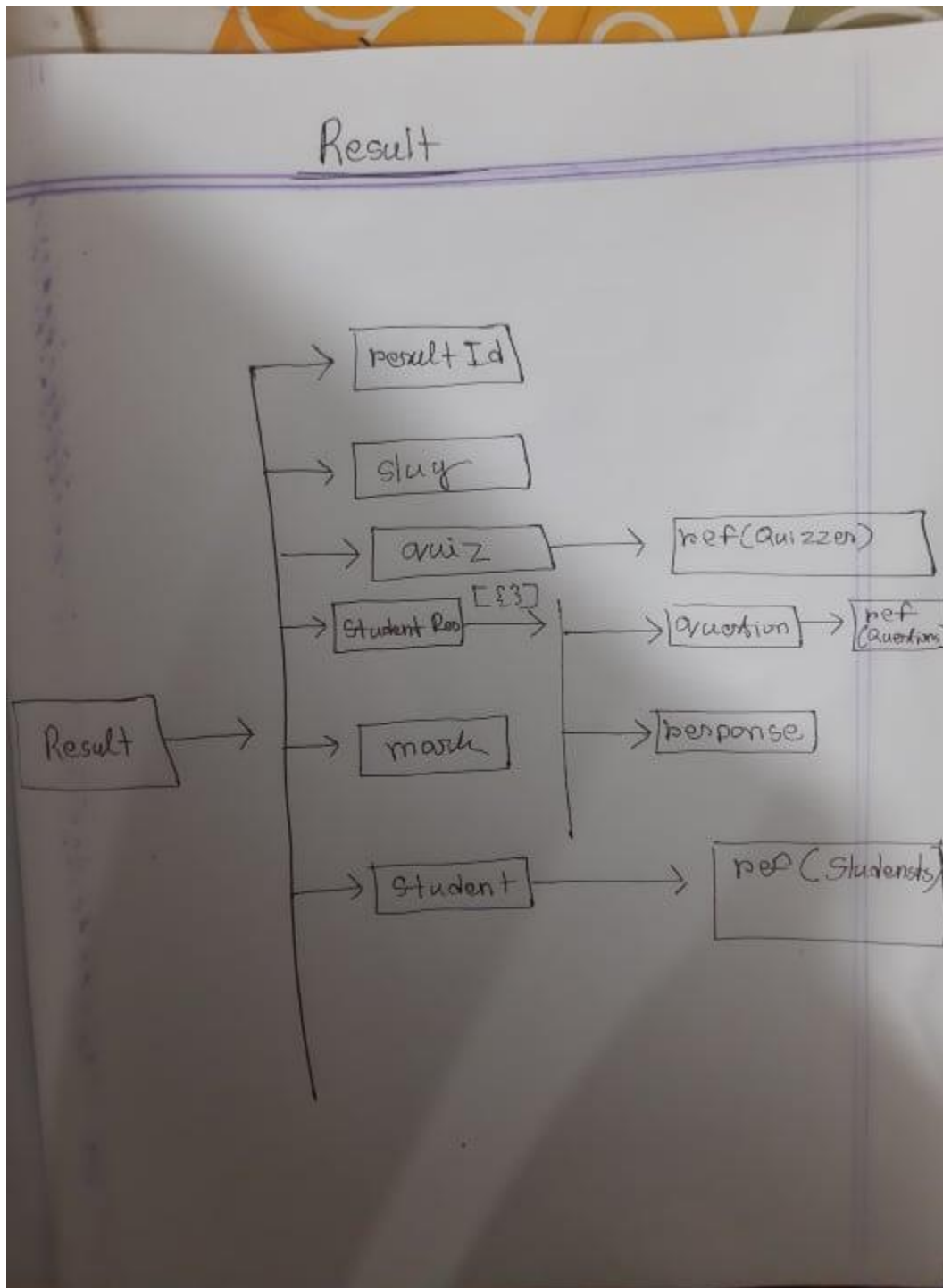


**Both Side Relation with:**

1. **Quizzess** (when we create a new quiz then all question of that quiz will store as a Question Scheam object id and In the Questions Schema Quizess object id will be store as a ref )



## Results Schema



**One Side Relation With:**

1. **Users** (when we create a new result it will store that Users Scheme Object id here as a ref )
2. **Questions** (when student responses