DBMS-LAB-Answer-GRP-13

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1 Answers

1.1 Group Details

Name and ID
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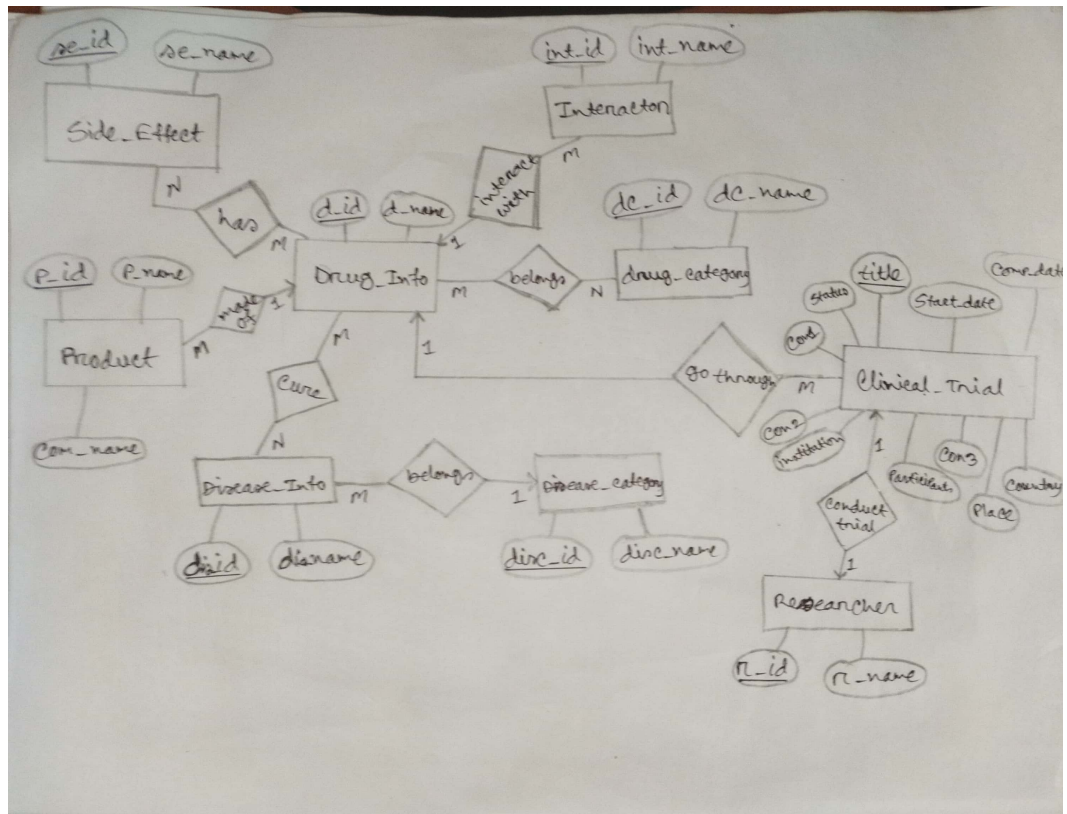
1.2 Normalized ER Diagram

1.3 Answer of Question-3
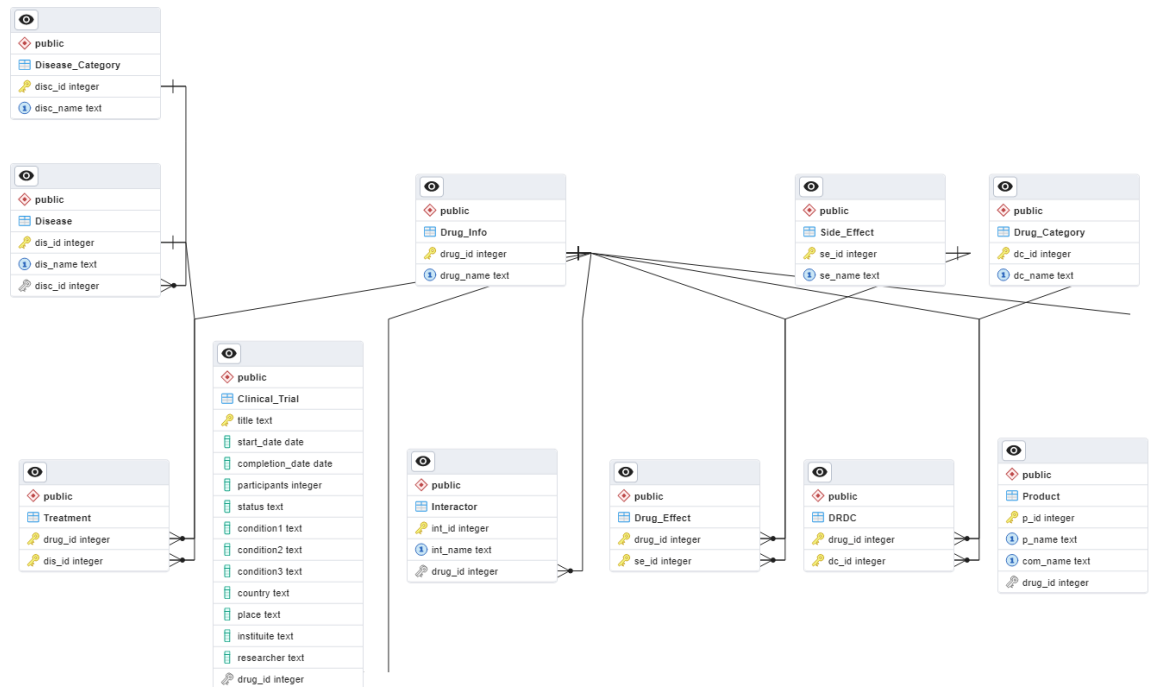
Figure 1: ER Diagram of Given Question

Figure 2: Relational Schema

Figure 3: Ans no. 1

```
Query    Query History                                                    ↗

1    Select drug_name
2    from drug_info
3    natural join interactor where int_name="butabarbital" ;
```

Figure 4: Ans no. 2

```
Query    Query History                                                    ↗

1    select drug_name
2    from (drug_info natural join drug_effect)
3    natural join side_effect where se_name="cough" and  se_name="headac
```

Figure 5: Ans no. 3

```
Query    Query History                                                    ↗

1    select drug_name
2    from (drug_info natural join treatment)
3    natural join disease whrere dis_name = "endocrine";
```

Figure 6: Ans no. 4

```
Query    Query History

1    select drug_name
2    from  (drug_info natural join treatment)
3    natural join disease
4    where  dis_name = "endocrine"   and  dis_name != "hematological";
```
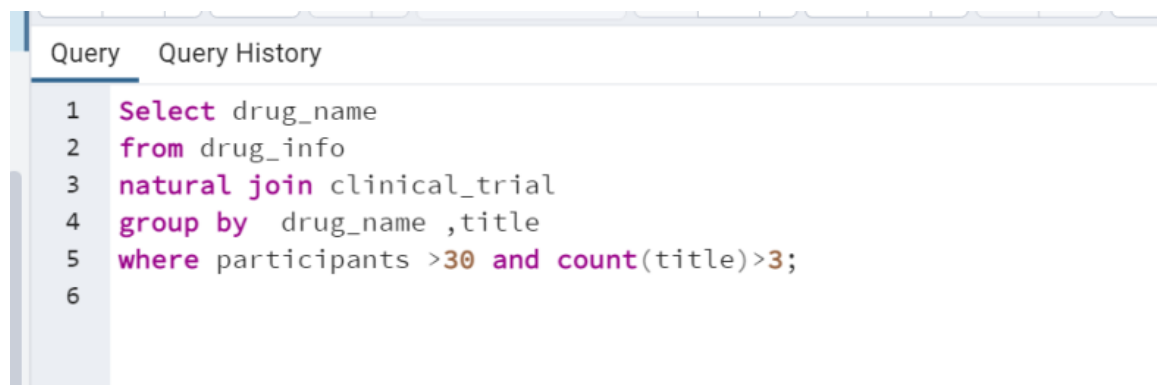
Figure 7: Ans no. 5


```
Query    Query History

1    select dis_name
2    from  (drug_info natural join treatment)
3    natural join disease
4    where  drug_name = "hydrocortisone"   and  drug_name != "etanercept";
5
```

Figure 8: Ans no. 6


```
Query    Query History

1    select side_effect
2    from (drug_info natural join drug_effect)
3    natural join side_effect
4    and   drug_name
5    in ( select  drug_name from (drug_info natural join treatment)
6    natural join disease
7    where dis_name="asthma") limits 10select dis_name
8    from  (drug_info natural join treatment)
9    natural join disease
10   where  drug_name = "hydrocortisone"   and  drug_name != "etanercept";
11
```

Figure 9: Ans no. 7

```
Query    Query History

1    Select drug_name
2    from drug_info
3    natural join clinical_trial
4    group by  drug_name ,title
5    where participants >30 and count(title)>3;
6
```

Figure 10: Ans no. 8