

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

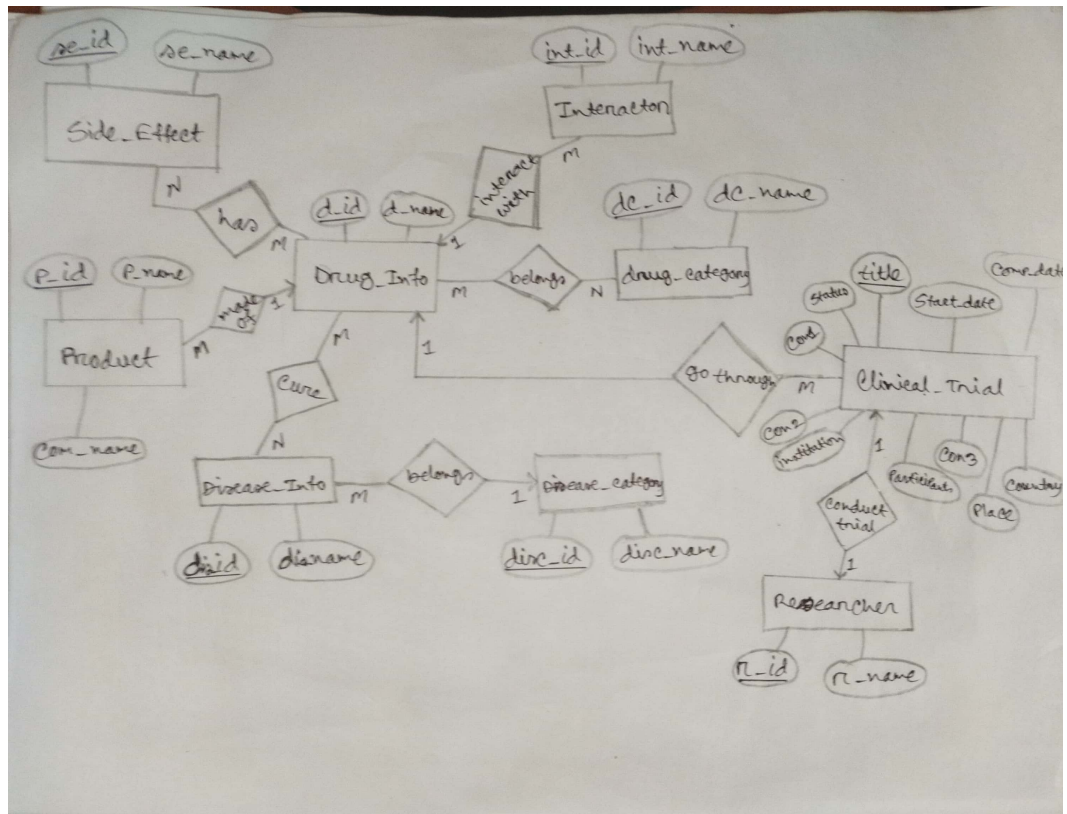


Figure 1: ER Diagram of Given Question

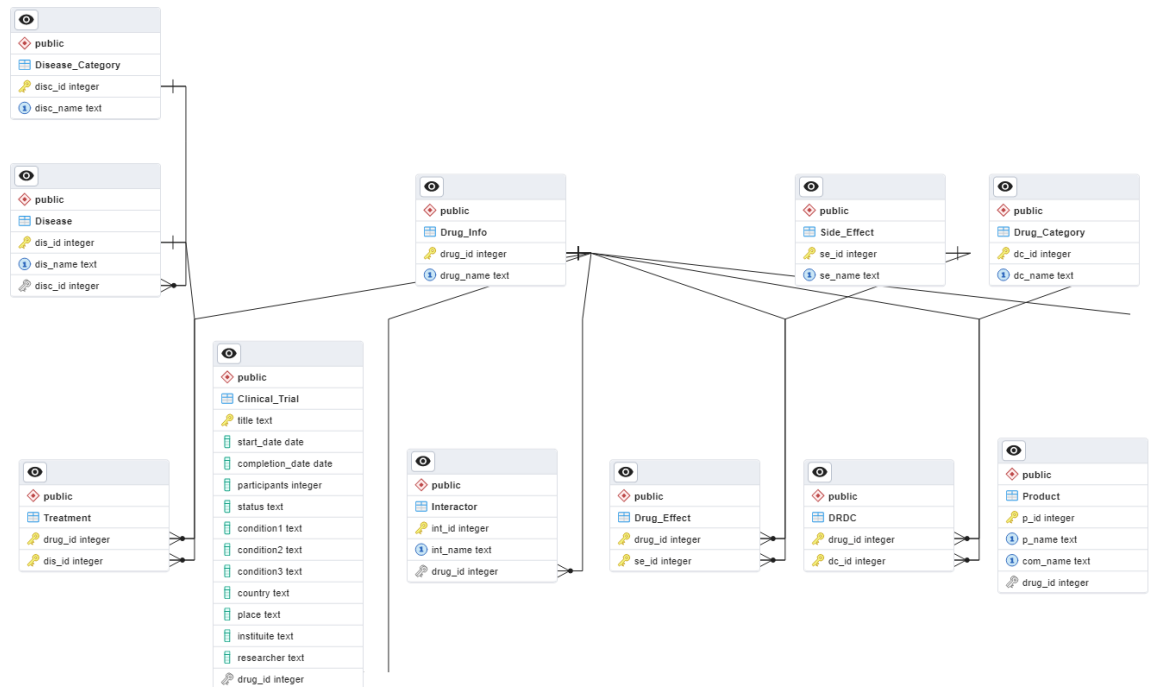


Figure 2: Relational Schema

Query	Query History
1	<code>select count(*)</code>
2	<code>from (drug_info natural join drag_effect)</code>
3	<code>natural join side_effect where se_name="nausea";</code>

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	<code>select drug_name</code>
2	<code>from (drug_info natural join treatment)</code>
3	<code>natural join disease</code>
4	<code>where dis_name = "endocrine" and dis_name != "hematological";</code>

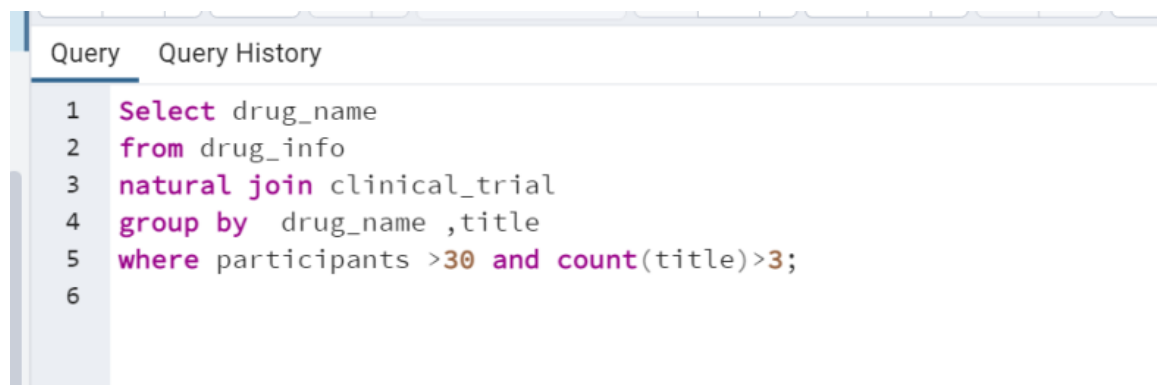
Figure 7: Ans no. 5

Query	Query History
1	<code>select dis_name</code>
2	<code>from (drug_info natural join treatment)</code>
3	<code>natural join disease</code>
4	<code>where drug_name = "hydrocortisone" and drug_name != "etanercept";</code>
5	

Figure 8: Ans no. 6

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

Figure 9: Ans no. 7



The screenshot shows a SQL query editor with two tabs: "Query" and "Query History". The "Query" tab is active, displaying a SQL query with line numbers 1 through 6. The query is as follows:

```
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
```

The query contains several syntax errors: "natural join" is not a valid SQL keyword, "group by" is incorrectly used with a comma before "title", and the "where" clause contains a space before the first ">" symbol.

Figure 10: Ans no. 8