# Entities:

1. User
2. Post Questions
3. Solve Questions
4. Rate Question
5. Code Question
6. Question Statement
7. Test cases
8. Editor
9. Compiler
10. Leader Board
11. Categories
12. Contests
13. Prizes
14. Start date
15. End Date
16. Languages
17. Category
18. Rankings
19. Points
20. Level
21. Dynamic Pre Generated User Form

# Relationships:

1. User Logins
2. Solve Questions
3. Post Questions
4. Challenge Setter creates Contest
5. Challenge Setter creates Challenges
6. User enters a contest and solve question
7. User solve challenges
8. Each question has points.
9. Every Question Posted Falls in category
10. Question can be sorted through category
11. Each Question has a level
12. While Generating Contest User can select Pre defined Form options