

Plan for Database

Monday, 13 March 2023 1:41 pm

TABLES

Score:

- id (unique identifier for each score)
- archer_id (unique identifier for each archer)
- score (the score achieved by the archer in a round)
- round_type (the type of round)
- date (the date when the round was shot)
- equipment (the equipment that archer used)
- ranges
- r

Archers:

- id (unique identifier for each score)
- archer_name (unique identifier for each archer)
- score (the score achieved by the archer in a round)
- date (the date when the round was shot)

Scoring:

- id (unique identifier for each score)
- Date(the date when the round was shot)
- Rounds
- Equipments
- Score

Rounds:

- Rounds
- Description

Def_Rounds_Table:(Round Definition)
(Use if to define scoring)(

Archer_ID
Cate_ID
(IF Cate_ID = ??? => Update Table
Range1 = _distance;
Range2 = _distance;
... Range4=_distance)
(Distance)
90m
70m
60m
50m
40m
30m
20m
10m
Target_Face(Whether 120 or 80cm)
(Update Table based on Category)
Arrows
Score_Max

36*,(36 = arrows, 6 rounds,*= using 80cm)

30+, (30 = 30 arrows, 5 rounds, + = using 120cm)

Add_Archer_Table:(For Recorder to Save Data)

Archer_ID(PK)(for history record)
Archer_Name
Result
Category
Comp_Date
Scoring_Date
Club_Comp
Championship

Add_Score_Table:(For archer to Tyoe Score)

Score_ID(PK)(Increment by 1)
Archer_Name
Date
Category(Add fuction that when suitable rows giving suitable Score table)(Update Table)
Score
Results(Sum alll)

Def_Competition_Table:(Define + Sort for Comp Ranking)

Archer_ID)(DPK)
Results
Club_Comps
Champtionship
Club_Ranking
Championship_Ranking((Update Table when Rank1 Club)(+1 When having new i.e 1 -2)

Range_Table:

Range_ID(PK)
Range1
Range2
Range3
Range4
Range_Total(Score)

End_Table:

End_ID(PK)
End1
End2
End3
End4
End5
End6
End_Total(Range_Table)

Def_Category_Table:

Division
Equiment
Round_Name
=> Category(Combine all column)
Cate_ID(PK)(Increment 1)