

LATE

05/05 ; if was not late and/or handwritten

# Team Won Normalization

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✓ Tournament (<sup>A</sup>Name, <sup>B</sup>Date, <sup>C</sup>Venue, <sup>D</sup>Sponsor)

AB → C    AB → D

Superkeys = BCNF - implies 3NF

✓ Prize Pool (<sup>A</sup>Title, <sup>B</sup>Place, <sup>C</sup>Amount, <sup>D</sup>Winner)

AB → C    AB → D

Superkeys = BCNF - implies 3NF

✓ Teams (<sup>A</sup>Name, <sup>B</sup>Region, <sup>C</sup>Owner, <sup>D</sup>Coach)

AB → C    AB → D

Superkeys = BCNF - implies 3NF

✓ Players (<sup>A</sup>Player ID, <sup>B</sup>Tournament, <sup>C</sup>Region, <sup>D</sup>Name, <sup>E</sup>Age, <sup>F</sup>Role)

ABC → D    ABC → E    ABC → F

Superkeys = BCNF - implies 3NF

✓ Matches (<sup>A</sup>Match ID, <sup>B</sup>Winner)

A → B

Superkeys = BCNF - implies 3NF

✓ Games (<sup>A</sup>Game ID, <sup>B</sup>Winner)

A → B

Superkeys = BCNF - implies 3NF

✓ Champions (<sup>A</sup>Name, <sup>B</sup>Metric, <sup>C</sup>Range, <sup>D</sup>Strength)

A → B    A → C    A → D

Superkeys = BCNF - implies 3NF

Team Won Functional Dependencies  
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Left hand side of FD

Table

Name, Date

Venue

Tournament

Name, Date

Sponsor

Tournament

Title, Place

Amount

PrizePool

Title, Place

Winner

PrizePool

Name, Region

Owner

Teams

Name, Region

Coach

Teams

Playerid, teamsName, Region

Name

Players

Playerid, teamsName, Region

Age

Players

Playerid, teamsName, Region

Role

Players

MatchID

Winner

Matches

GameID

Winner

Games

Name

Member

Champions

Name

Ranked

Champions

Name

Stealth

Champions

# Team Won

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