

CompeteNow: a Tournament Organization Platform

**Milestone: Relational Model
Group 24**

**Charles Schatmeyer
716-713-1492
schatmeyer.c@northeastern.edu**

Percentage of Effort Contributed by Student1: 100%

Signature of Student 1: 

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Relational Model:

User(UserID, name, location, gender, email, age)

TeamManager(*UserID*)

Player(*UserID*)

VenueManager(*UserID*)

Spectator(*UserID*)

TournamentOrganizer(*UserID*)

Venue(VenueID, size, name, hours, location, *VenueManager-UserID*)

Sport(SportID, name)

SpectatorFollows(*SportID*, *Spectator-UserID*)

Tournament(TournamentID, prize, name, location, *TournamentOrganizer-UserID*)

TournamentSport(*TournamentID*, *SportID*)

Team(TeamID, name, location, *TeamManager-UserID*)

TeamPlayer(*TeamID*, *Player-UserID*)

Match(MatchID, time, scoreAlpha, scoreBeta, *VenueID*, *TournamentID*)

TeamsMatch(*TeamID*[Alpha], *TeamID*[Beta])

IndividualsMatch(*Player-UserID*[Alpha], *Player-UserID*[Beta])