# Sports Club Database

## Assumptions

- All Existing assumptions are supported
- Club could be professional (different level, armature, national team, etc.
- People to be able to purchase any game online, they have be an online member of the club
- Member can purchase ticket online trough credit card.
- An individual member can purchase up to 2 tickets
- A company member can purchase up to 10 tickets
- Price for company member is 10% more than individual member
- 20% of your members can be company member
- You will have total of 20 regular games where half of them are home games
- A member can buy all home and away games (season tickets) with 5% discount from individual game ticket prices
- House/date a 10% of stadium capacity are assigned to online members. You can have seating capacity from 1000-?
- There should be a different price for different section/zones of the stadium.
- Your stadium should consider 8 sections. Two end zones(20%), two center zones(40%), and 4 corner zones(40%)
- At least half of your games should be sold out
- 0% to 5% of members my be a no show (miss the game)
- All the tickets are scanned at the gate, so you should know what member did not attend
- Home team control 80% of available seats/ticket. 10% of 80% your home games ticket goes to your club member
- Your game is with other teams
- You can't WIN or lose all your games
- Your Sales model should support in the minimum the following entities
  - Member, Orders, Orderline, game, Team, and Employee. SEED DATA for Member, orders, orderline, will be provided from Dr. Azarbod.
- Your design should support the SEED DATA
- The team has at least one stadium, but can also have more than one
- To use the online sales system, visitors must sign up for membership
- There are two types of members of the team(Individual and Company)
- Any member must have at least one address, and a maximum of 10 at one time
- Any member must have at least one payment Info saved, and a maximum of 5 at one time

- Membership premium will be 10% more for company members and 0% for individual
- Zone Description will have the choice between 2 end, 2 center and 4 corner zones

## Objectives

- Provide easy to use system for members of the team to purchase tickets online
- Create loyalty for members by having multiple forms of discounts(like season tickets etc..)
- Setup different levels of pricing for different types of members(individual vs company)
- Track attendance of games and note members with missed games
- Keep track of attendance to help accommodate stadium capacity without overflow
- Separate pricing of tickets based on zone selection

## Use Cases

- A fan of the club that is visiting the website for the first time to check if tickets are available for an upcoming game
- Husband and wife who are hardcore supporter of the club who buy season tickets in advance before the season starts
- A Family of 5 who enjoy the rival games that happen twice a year and get tickets few months in advance
- A large company that buys couple tickets for enthusiastic employee fans and gets charged premium for company tickets

## User Story

1. A fan of the club visits the online website of the team
2. If it is their first time visiting the website to purchase a ticket, they must sign up to be a member of the team
3. They will have the option to signup as an individual member or as a company
4. Once signed up, members can see upcoming games, stadium location, price of the cheapest seat per person, game date etc..
5. After they chose which game they would like to book, they will be asked further question about the event
6. They will then proceed to the zone selection and number of tickets they would like
7. Prices will be set accordingly and the member will be forwarded to a shopping cart(checkout) page where they can see the summary of their order
8. After confirming the order, the member will have the option to select which of the saved payment method they will prefer or add a new payment method

9.  After submitting the payment, they will be given their booking information plus an email with details on how to proceed(like printing information, time of checkin etc..)