**PROJECT DETAIL**

**IPL AUCTION DATABASE MANAGEMENT SYSTEM**

**Stakeholders and their roles**:

● **Players:**

* They are the key stakeholders of the database
* This database will have a record of all their performances and achievements.
* They will also have the access to see the records of other players.

* **Coaches:**
* They can simply view player’s achievements whenever they wish.
* **Team Owner:**
* They can view the performances of all players, all coaches, and team achievements along with their expenditure.
* **Data Admin:**
* They have access to see all data of players.
* They can also add or remove data of the team including players, stadiums, matches, and coaches.
* **Data Analyst:**
* They can tell players about their weaknesses.
* They can have data about the pitches, opposing teams, and players.

**Entities**:   Players, Coach, Team Owner, Data analyst, Data admin, Teams, Stats, Auction, Stadium.

**Schema:**

**Players:**

ID Name

Age

Height

Nationality

Type (Bowler/Batsman)

Price

Jersey No.

Debut date

Teams played under Speciality Stats

**Teams:**

Name

Total Trophy won

Captain

Vice-Captain

Bowling Coach

Batting Coach

Fielding Coach

Sponsors

Owners Name

Most Expensive Player of team

No. of Indian players

No. of foreign players

Previous standing at Points Table

Total no. of Bowlers

Total no. of Batsman

Total no. of All Rounders

Total Indian caped players

Total no. of uncapped players

Total purchase bag available

Total Indian slots available

Total foreign slots available

Current Players List

Home Ground

**Coach:**

Name

Age

Past Experiences

Type

International records

Nationality

Titles Won

Nature

**Stadium:**

Name

Location

Capacity

Pitch Type

No. of Entry gates

No. of Exit gates

No. of workers

No. of tickets Counter

No. of restaurant’s

Dimensions

Year of establishment Last 5 T20 matches

Average 1st innings score

Average 2nd innings score

**Stats:**

Player ID

Total runs in IPL

Total no. of match played

Total 6's

Total 4's

Total 100+

Total 50+

Total 30+

Total no. of wickets

Total no. of catches

International record

Debut date

Teams played under

Speciality

**Auction:**

Date

Location

No. of players available

Player’s List Total Indian players

Total foreign players

Teams Bag

Auctioneer

Media