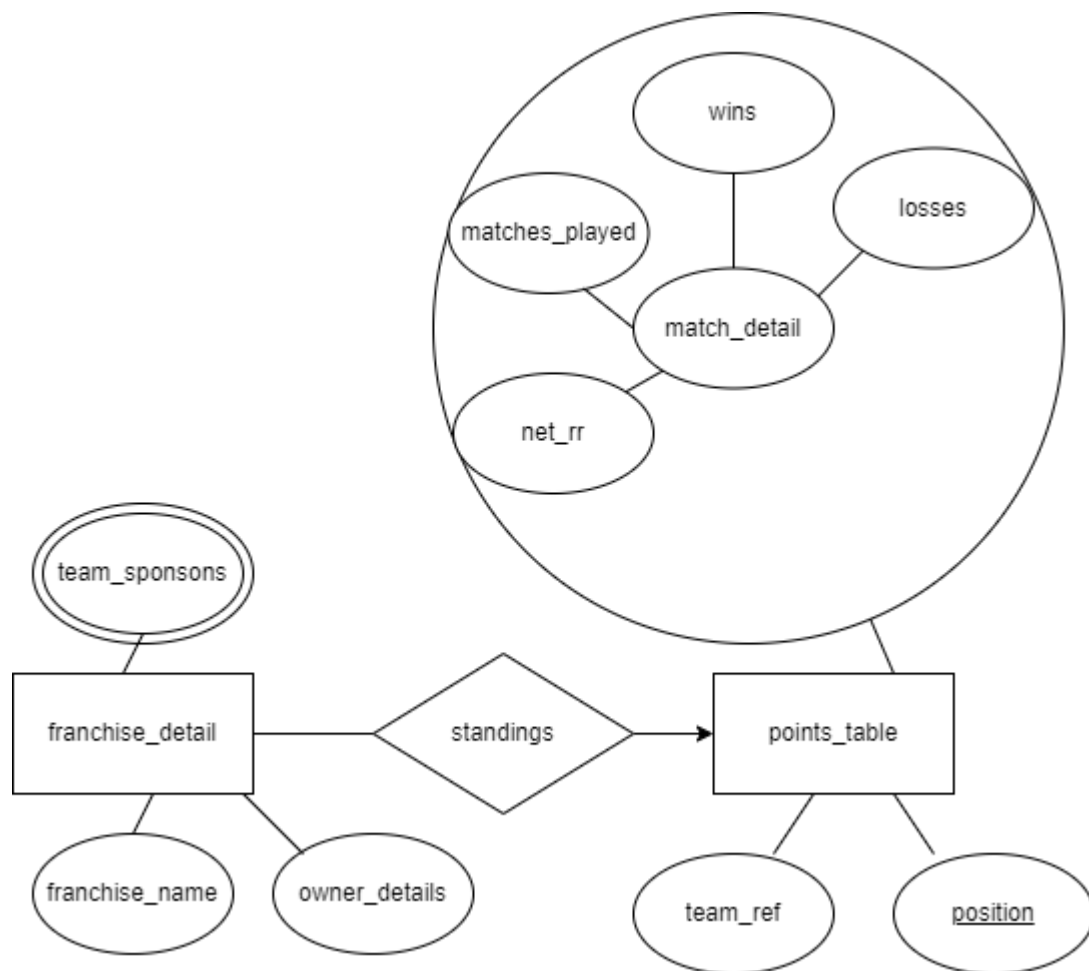


EXP:6**Creation and usage of database objects****DATE:****AIM:**

To create the database objects like View, Sequence, Abstract Data Type, Synonym and Varray for the relations (consider your application)

Franchise_detail(franchise_name,owner_details,team_sponsors)

Stats (team_ref,position,match_detail)

ER Diagram:**PROCEDURE:**

1. To create a sequence to generate the position automatically.

CREATE SEQUENCE POSITION_SEQUENCE INCREMENT BY 1 START WITH 0002 MAX VALUE 4000
MIN VALUE 0001 NOCACHE ;

Results	Explain	Describe	Saved SQL	History
Sequence created.				

2. To create a varray for storing the names of the players.

CREATE TYPE TEAM_SPONSORS AS VARRAY(5) OF VARCHAR(50);

Results	Explain	Describe	Saved SQL	History
Type created.				

3. To create a synonym for the sequence created.

CREATE SYNONYM POSTN FOR POSITION_SEQUENCE;

Results	Explain	Describe	Saved SQL	History
Synonym created.				

4.To create a composite data type for storing the batting_stat and bowling_stat of the players.

CREATE TYPE MATCH_DETAIL AS OBJECT(MATCHES_PLAYED NUMBER,NET_RR DECIMAL,WIN
NUMBER,LOSSES NUMBER);

Results	Explain	Describe	Saved SQL	History
Type created.				

5.To create a view with franchise_details

CREATE VIEW FRANCHISE_NEW AS (SELECT * FROM FRANCHISE_DETAILS);

Parameter	marks
Objects usage(05)	
Completion(10)	
Neatness(05)	
Prompt timing(05)	
Total(25)	

Result:

Thus, the various data objects like views, sequences, varray, synonym, and Abstract data type, for the relations are created.