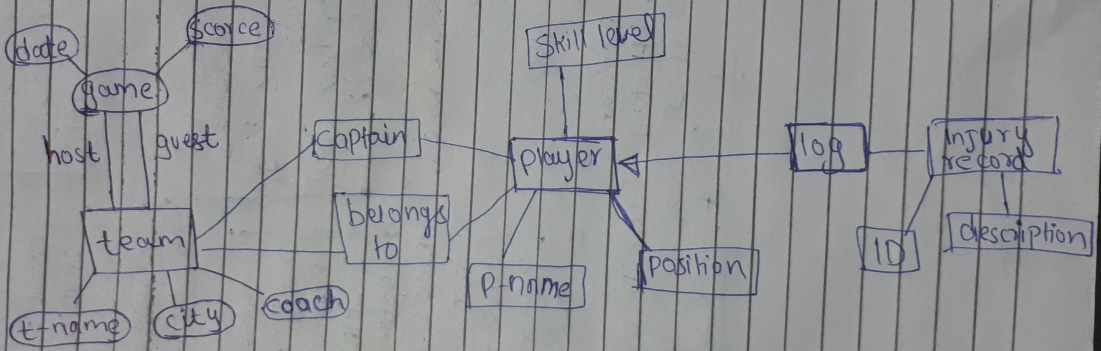


Sessional Assignment

NAME: S. Zulfiqar Hasan
ID : 14937
Course: Data Base

ANSWERS:-

"ERD For NHL"



* Relational model for NHL *

```
create Table NHL Team(  
ID: int Primary key,  
city: varchar(100),  
NAME: varchar(100),  
Stadium varchar(100));  
  
create Table Player(  
num: int Primary key,  
DoB: date,  
Name: varchar(100),  
start Year: int,  
shirt Num: int,  
TeamID: int Foreign key  
References Team (ID));
```

```
create Table Referee(  
ID: int Primary key,  
DoB: date,  
NAME: varchar(100),  
Exp Year: int);  
  
create Table Referee Role(  
Host: int,  
GuestID: int,  
Date: date,  
RefID: int Foreign key  
IS main: Boolean  
Foreign key (HostID, GuestID, Date) References  
Match (HostID, GuestID, Date),  
Primary key (HostID, GuestID, Date, RefID));
```

```
create Table Match(  
HostID: int Foreign key  
References Team (ID),  
GuestID: int Foreign key  
References Team (ID),  
Date: date  
Host - score: int  
Guest - score: int  
Primary key (HostID, GuestID, Date);  
references referee (ID));
```


Create Table Match - Player (

ID: int Primary key,
Player Num: int Foreign key References
Player Num),
Match Date: date,
Host ID: int,
Guest ID: int,
Num Goals: int,
red Flag: Boolean,
yellow Flag: Boolean,
sub 10: int Foreign key References
Match - Player (ID),
sub Time int,
Foreign key (Host ID, Guest ID, match Date)
References match (Host ID, Guest ID,
Date));