```
----------------------------comandi sql per creazione
database-------------------------------------------

Ogni tabella nell' applicazione java ha la clausola IF NOT EXISTS

create table RDFuser(
      nickname varchar(30) primary key,
      email varchar(40) unique,
      nome varchar(30) not null,
      surname varchar(30) not null,
      password varchar(30) not null,
);

create table Game(
      matchID int primary key,
      matchName varchar(20) not null,
      manager varchar(30) references RDFuser(nickname) on update cascade on delete
cascade,
      dateAndTime timestamp without time zone not null
);

create table Player(
      nickname varchar(30) references RDFuser on update cascade on delete cascade,
      matchID int references Game on update cascade on delete cascade,
      matchpoints int,
      iswinner boolean
);

create table Observer(
      nickname varchar(30) references RDFuser on update cascade on delete cascade,
      matchID int references Game on update cascade on delete cascade
      mancheid int references Manche on update cascade on delete no action
);

create table Admin(
      nickname varchar(30) references RDFuser on update cascade on delete cascade
);

create Table ListOP(
      nickname varchar(30)references RDFuser(nickname) on update cascade on delete
cascade,
      matchId int references Game on update cascade on delete cascade
);

create table Phrase(
      phrase varchar(60) not null,
      tema varchar(20) not null,
      creator varchar(30) references RdFuser(nickname) on update cascade on delete
set null
);

create table PhraseViewed(
      phrase varchar(60) references Phrase on update cascade on delete cascade,
      nickname varchar(30) references RDFuser on update cascade on delete cascade
);

create Table Manche(
```

```
        mancheID int primary key,
        matchID int references Game on update cascade on delete cascade,
        phrase varchar(60) default 'deleted phrase' references Phrase on update
cascade on delete set default,
        winner varchar(30) default 'no one or deleted user' references RDFuser on
update cascade on delete cascade
);

create table mancheData(
        nickname varchar(30) references RDFuser on update cascade on delete cascade,
        mancheID int references Manche on update cascade on delete cascade,
        userAction varchar(20) not null,
        acquiredPoints int,
        lostPoints int
);
```