

User (user\_name, password, id)

Sports Association Manager (id, name)

Sports Association Manager.id references User.

System Admin (id)

System Admin.id references User.

Fan (id, nat\_id, name, birth\_date, address, phone\_num)

Fan.id references User.

Stadium Manager (manager\_id, Stadium\_id, name)

Stadium Manager.Stadium\_id references Stadium.

Stadium Manager.manager\_id references User.

Representative (club\_id, rep\_id, name)

Representative.club\_id references Club.

Representative.rep\_id references User.

Club (club\_id, name, location)

Match (match\_id, start\_time, end\_time, allowed\_attendees, Stadium\_id,

SA\_Manager\_id, host\_club\_id, guest\_club\_id)

Match.Stadium\_id references Stadium.

Match.SA\_Manager\_id references Sports Association Manager.

Match.host\_club\_id references club.

Match.guest\_club\_id references club.

Stadium (id, name, capacity, location, status)

Ticket (ticket\_id, status, match\_id, Fan\_id)

Ticket.match\_id references Match.

Ticket.Fan\_id references Fan.

permit\_to\_host (club\_rep\_id, Stadium\_manager\_id, start\_time, end\_time, permission\_status)

permit\_to\_host.club\_rep\_id references Representative.

permit\_to\_host.stadium\_manager\_id references stadium\_manager.

Block(System\_Admin\_id, Fan\_id, duration)

Block.System\_Admin\_id references System Admin

Block.Fan\_id references Fan