Relational Schema

Sports Matches Management System:

Login_Details(<u>username</u>, password)

System_Admin(<u>id</u>, <u>username</u>)
System_Admin.username references Login_Details

Sports_Association_Manager(<u>id</u>, name, <u>username</u>)
Sports_Association_Manager.username references Login_Details

Club(<u>id</u>, name, location)

Representative(<u>club_id, id</u>, name, <u>username</u>)
Representative.club_id references Club
Representative.username references Login_Details

Stadium(<u>id</u>,name,location,capacity,status)

Manager(<u>stadium_id, id</u>,name, <u>username</u>)
Manager.stadium_id references Stadium
Manager.username references Login_Details

Match(<u>id</u>, start_time, end_time, allowed_number_of_attendees, <u>host_id</u>, <u>visitor_id</u>, <u>stadium_id</u>)
Match.host_id references Club
Match.visitor_id references Club
Match.stadium_id references Stadium

Fans(<u>national_id</u>, name, phone, birth_date, age, building_no, street, city, country, <u>username</u>)
Where: Fans.age= current_date – Fans.birth_date
Fans.username references Login_Details

Tickets(<u>match_id , id</u>, status, <u>fan_id</u>, <u>stadium</u>,)

Tickets.match_id references Match

Tickets.fan_id references Fans

Tickets.stadium references Stadium.id

modify_Club(<u>club_id</u>, <u>admin_id</u>, add/delete)

modify_Club.club_id references Club

modify_Club.admin_id references System_Admin

modify_ Stadium (<u>stadium_id</u>, <u>admin_id</u>, add/delete)

modify_ Stadium.stadium_id references Stadium

modify_ Stadium.admin_id references System_Admin

modify_ Fans(<u>national_id</u>, <u>admin_id</u>, add/delete/block)

modify_ Fans.national_id references Fans

modify_ Fans.admin_id references System_Admin

request_from(<u>club_id, representative, stadium_id, manager</u>, approval_status)

request_from.(club_id, representative) references Representative

request_from.(stadium_id, man_id) references Manager

manage_match(<u>match_id</u>, <u>sam_id</u>, type)

manage_match.match_id references Match

manage_match.sam_id references Sports_Association_Manager