Databases I

Milestone 1

Schema:

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

Fan(<u>username</u>, national_id, name, birthdate, address, phone_number, blocked)

Fan.username *REFERENCES* User.username

Representative(<u>username</u>, id, name, club_id)

Representative.username *REFERENCES* User.username

Representative.club_id *REFERENCES* Club.id

Stadium_Manager(<u>username</u>, id, name, stadium_id)

Stadium_Manager.username *REFERENCES* User.username

Stadium_Manager.stadium_id *REFERENCES* Stadium.id

Sports_Association_Manager(<u>username</u>, id, name)

Sports_Association_Manager.username *REFERENCES* User.username

System_Admin(<u>username</u>)

System_Admin.username *REFERENCES* User.username

Ticket(<u>id</u>, <u>match_id</u> , fan, stadium_id, status)

Ticket.match_id *REFERENCES* Match.id

Ticket.fan *REFERENCES* Fan.username

Ticket.stadium_id *REFERENCES* Stadium.id

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

Match(<u>id</u>, <u>stadium_id</u>, attendees, start_time, end_time)

Match.stadium_id *REFERENCES* Stadium.id

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

Plays(<u>match_id</u>, <u>home_club</u>, <u>away_club</u>)

Plays.match_id *REFERENCES* Match.id

Plays.home_club *REFERENCES* Club.id

Plays.away_club *REFERENCES* Club.id

Request_Hosting(<u>representative</u>, <u>stadium_manager</u>, <u>match_id</u>, approved)

Request_Hosting.representative *REFERENCES* Representative.username

Request_Hosting.stadium_manager *REFERENCES* Stadium_Manager.username

Request_Hosting.match_id *REFERENCES* Match.id