1.)

Get a list of all players on a given team, using supplied teamID. Also, a team name can be supplied instead, changing the query’s last line to: where TEAM.TeamName = ‘?’;

Query:

select PLAYER.FirstName, PLAYER.LastName, TEAM.TeamName

from ((PLAYER

inner join PLAYER\_TEAM on PLAYER.idplayer = PLAYER\_TEAM.player)

inner join TEAM on TEAM.idteam = PLAYER\_TEAM.team)

where TEAM.idteam = ?;

|  |  |  |
| --- | --- | --- |
| FirstName | LastName | TeamName |
| Jim | Johnston | Mongooses |
| Tyler | Phinley | Mongooses |
| Henry | Yalles | Mongooses |
| Chris | Handa | Mongooses |
| Alex | Courts | Mongooses |

2.)

Check how much equipment is available at a facility.

Query:

select FACILITY.FacilityName, EQUIPMENT\_TYPE.EquipmentName, EQUIPMENT\_AVAILABLE.QuantityAvailable

from ((EQUIPMENT\_TYPE

inner join EQUIPMENT\_AVAILABLE on EQUIPMENT\_TYPE.idEQUIPMENT\_TYPE = EQUIPMENT\_AVAILABLE.EquipmentType)

inner join FACILITY on FACILITY.idFACILITY = EQUIPMENT\_AVAILABLE.facility)

where FACILITY.FacilityName = 'Globo Gym';

|  |  |  |
| --- | --- | --- |
| FacilityName | EquipmentName | QuantityAvailable |
| Globo Gym | Basketball | 4 |
| Globo Gym | Scorer's Table | 2 |

3.)

Get the list of matches for referees. Referees need to know which matches they are assigned to.

Query:

select STAFF.firstName, STAFF.lastName, REFEREE\_MATCH.match

from REFEREE\_MATCH

inner join STAFF on REFEREE\_MATCH.referee = STAFF.idSTAFF;

|  |  |  |
| --- | --- | --- |
| FirstName | LastName | Match |
| John | Len | 1 |
| John | Len | 3 |
| John | Len | 5 |
| Ringo | Rats | 2 |
| Ringo | Rats | 4 |
| Ringo | Rats | 6 |

4.)

Get list of all email addresses for players for announcing sending league-wide information.

Query:

select PLAYER.email

from PLAYER;

|  |
| --- |
| Email Address |
| Jim@fake.com |
| Johhnny420@getBlazed.io |
| YalleBunchHoes@aol.net |
| DefinitelyRealEmail@fake.com |
| johan@fake.com |
| tayquan@fake.com |
| poop@fake.com |
| JoeShmoe@MoesBar.org |
| Krusty@Horror.org |
| Pinhead@fake.com |
| ThisGuy@email.com |
| DuDuDuDuDuel@Kaiba.net |
| Connor@CharlesSchwab.eu |
| jimyjimmerson@uw.edu |
| email@email.com |
| CarlShizlak@moc.com |
| HomerJaySimpson@Simpsons.stillOn |
| Barney@TowTruckDrunk.com |
| PowerPF@Suns.net |
| TigerWoods@PGA.com |

5.)

List of facility usage. All Facilities are owned/operated by non-league entities, and this league’s schedule should be known for planning purposes.

Query:

select FACILITY.FacilityName, MATCHES.MatchDateTimeStart, MATCHES.MatchDateTimeEnd

from MATCHES

inner join FACILITY

on MATCHES.facility = FACILITY.idFacility

where facility.FacilityName = 'The Center';

|  |  |  |
| --- | --- | --- |
| FacilityName | MatchDateTimeStart | MatchDateTimeEnd |
| The Center | 11/11/18 15:00 | 11/11/18 15:59 |
| The Center | 11/11/18 15:00 | 11/11/18 15:59 |
| The Center | 11/11/18 16:00 | 11/11/18 16:59 |
| The Center | 11/11/18 16:00 | 11/11/18 16:59 |
| The Center | 11/11/18 17:00 | 11/11/18 17:59 |
| The Center | 11/11/18 17:00 | 11/11/18 17:59 |

6.)

Get a schedule for a team, all players need to know when their team is playing and the information of the game.

Query:

select team.teamname, facility.facilityName, matches.matchdatetimestart, facility.addressline1

from ((( MATCHES

inner join MATCH\_TEAM on MATCH\_TEAM.match = MATCHES.idMATCHES)

inner join TEAM on MATCH\_TEAM.team = TEAM.idTeam)

inner join FACILITY on MATCHES.facility = FACILITy.idFacility)

where team.teamName = 'Giants';

|  |  |  |  |
| --- | --- | --- | --- |
| TeamName | FacilityName | MatchDateTimeStart | AddressLine1 |
| Giants | The Center | 11/11/18 15:00 | 123 Fake St. |
| Giants | The Center | 11/11/18 16:00 | 123 Fake St. |
| Giants | The Center | 11/11/18 17:00 | 123 Fake St. |