

# COMP-353: Warmup Project Documentation

Insert Team Members

February 2020

## 1 (1) DESIGN:

The E/R diagram of the design of the database given in the project description (or a revised version, if deemed necessary).

## 2 (2) The SQL statements formulated and used to create the database.

(2) The SQL statements formulated and used to create the database.

## 3 (3) The SQL statements formulated to express the required queries and transactions mentioned.

- 1) SELECT dob, position FROM player WHERE LEFT(name, 1) = 'T';
- 2) SELECT player.name FROM player, team WHERE current<sub>t</sub>id = tid AND tid = 2;
- 3) SELECT player.name, pid, captain<sub>i</sub>d FROM player, team WHERE pid = captain<sub>i</sub>d AND LEFT(player.name, 1) = 'J';
- 4) SELECT date<sub>t</sub>ime, stadium FROM 'match' WHERE home<sub>g</sub>oals = away<sub>g</sub>oals
- 5) TO FIX SELECT COUNT(goals) FROM played<sub>i</sub>n, match WHERE date<sub>t</sub>ime LIKE '2019
- 6) SELECT DISTINCT name, player.pid FROM player, played<sub>i</sub>n WHERE goals = 0 AND player.pid = played<sub>i</sub>n.pid;
- 7) SELECT name, player.pid, goals FROM player, played<sub>i</sub>n;

- 4 (4) Populate each table in the database with at least 10 representative and appropriate tuples.
- 5 (5) For each relation  $R$  created in your database, report the result of the following SQL statement: