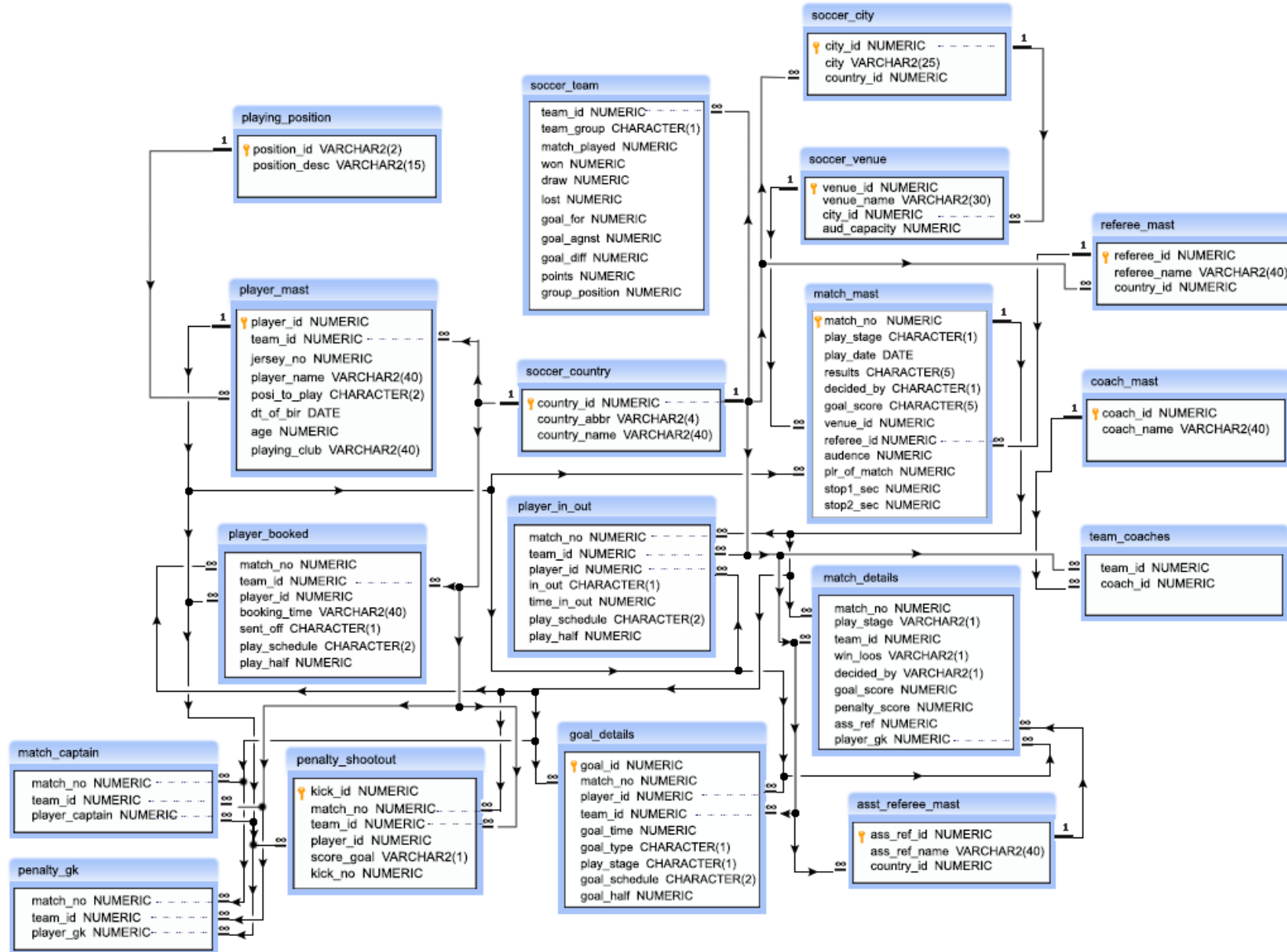


CE396 Database System Design (Laboratory)

Chapter 02: Create Database and Insert Data

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soccer_country (ประเทศ):

country_id – this is a unique ID for each country

country_abbr – this is the sort name of each country

country_name – this is the name of each country

soccer_city (เมือง):

city_id – this is a unique ID for each city

city – this is the name of the city

country_id – this is the ID of the country where the cities are located and only those countries will be available which are in soccer_country table

soccer_venue (สถานที่จัดการแข่ง):

venue_id – this is a unique ID for each venue

venue_name – this is the name of the venue (ชื่อสนาม)

city_id – this is the ID of the city where the venue is located and only those cities will be available which are in the soccer_city table (เมือง)

aud_capacity – this is the capacity of audience for each venue (ความจุ)

soccer_team (ทีม):

team_id – this is the ID for each team. Each teams are representing to a country which are referencing the country_id column of soccer_country table (หมายเลขทีม refer ไปยังประเทศ)

team_group – the name of the group in which the team belongs (อยู่กรุ๊ปไหน)

match_played – how many matches a team played in group stage (แข่งกี่ครั้ง)

won – how many matches a team won (ชนะ)

draw – how many matches a team draws (เสมอ)

lost – how many matches a team lose (แพ้)

goal_for – how many goals a team conceded (ประตูเสีย)

goal_agnst – how many goals a team scored (ประตูได้)

goal_diff – the difference of goal scored and goal conceded (ผลต่างประตู ประตูได้ - ประตูเสีย)

points – how many points a team achieved from their group stage matches (คะแนนที่ได้)

group_position – in which position a team finished their group stage matches (ตำแหน่งที่ทีมจบการแข่งขันรอบแบ่งกลุ่ม)



playing_position (ตำแหน่งการเล่น):

position_id – this is a unique ID for each position where a player played

position_desc – this is the name of the position where a player played

player_mast (ข้อมูลผู้เล่น):

player_id – this is a unique ID for each player

team_id – this is the team where a player played, and only those teams which referencing the country_id column of the table soccer_country

jersey_no – the number which labeled on the jersey for each player (หมายเลขเสื้อ)


player_name – name of the player

posi_to_play – the position where a player played, and the positions are referencing the position_id column of playing_position table

dt_of_bir – date of birth of each player

age – approximate age at the time of playing the tournament

playing_club – the name of the club for which a player was playing at the time of the tournament (ชื่อของสโมสรที่ผู้เล่นกำลังเล่นอยู่ในช่วงเวลาของการแข่งขัน)



referee_mast (ข้อมูลผู้ตัดสิน):

referee_id – this is the unique ID for each referee

referee_name – name of the referee

country_id – the country, where a referee belongs and the countries are those which referencing the country_id column of soccer_country table

match_mast (การแข่งขัน):

match_no – this is the unique ID for a match

play_stage – this indicates that in which stage a match is going on, i.e. G for Group stage, R for Round of 16 stage, Q for Quarter final stage, S for Semi Final stage, and F for Final (รอบการแข่งขัน)

play_date – date of the match played

results – the result of the match, either win or draw

decided_by – how the result of the match has been decided, either N for by normally or P for by penalty shootout (ชนะในเวลา หรือ ยิงจุดโทษ)

goal_score – score for a match

venue_id – the venue where the match played and the venue will be one of the venue referencing the venue_id column of soccer_venue table

referee_id – ID of the referee who is selected for the match which referencing the referee_id column of referee_mast table

audience – number of audience appears to watch the match (จำนวนผู้ชม)

plr_of_match – this is the player who awarded the player of a particular match and who is selected a 23 men playing squad for a team which referencing the player_id column of player_mast table (Man of the match)

stop1_sec – how many stoppage time (in second) have been added for the 1st half of play

stop2_sec – how many stoppage time (in second) have been added for the 2nd half of play

coach_mast:

coach_id – this is the unique ID for a coach

coach_name – this is the name of the coach

asst_referee_mast (ข้อมูลผู้ช่วยผู้ตัดสิน):

ass_ref_id – this is the unique ID for each referee assists the main referee

ass_ref_name – name of the assistant referee

country_id – the country where an assistant referee belongs and the countries are those which are referencing the country_id column of soccer_country table

match_details (รายละเอียดการแข่งขัน):

match_no – number of the match which is referencing the match_no column of match_mast table

play_stage - stage of the match, i.e. G for group stage, R for Round of 16, Q for Quarter Final, S for Semi final and F for final

team_id – the team which is one of the playing team and it is referencing the country_id column of soccer_country table

win_lose – team either win or lose or drawn indicated by the character W, L, or D

decided_by - how the result achieved by the team, indicated N for normal score or P for penalty shootout (ชนะในเวลาหรือ ยิงจุดโทษ)

goal_score – how many goal scored by the team

penalty_score – how many goal scored by the team in penalty shootout

ass_ref – the assistant referee assist the referee which are referencing the ass_ref_id column of asst_referee_mast table

player_gk - the player who is keeping the goal for the team, is referencing the player_id column of player_mast table (ผู้รักษาประตู)

goal_details (รายละเอียดการทำประตู):

goal_id – this is the unique ID for each goal

match_no – this is match_no which is referencing the match_no column of match_mast table

player_id - this is the ID of a player who is selected for the 23 men squad of a team for the tournament and which is referencing the player_id column of player_mast table

team_id – this is the ID of each team who are playing in the tournament and referencing the country_id column of soccer_country table

goal_time – this is the time when the goal scored

goal_type – this is the type of goal which came in normally indicated by N or own goal indicating by O and goal came from penalty indicated by P

play_stage – this is the play stage in which goal scored, indicated by G for group stage, R for round of 16 stage, Q for quarter final stage, S for semifinal stage and F for final match

goal_schedule – when the goal came, is it normal play session indicated by NT or in stoppage time indicated by ST or in extra time indicated by ET (ทำประตูได้ในเวลาแข่งหรือทดเวลาหรือต่อเวลาพิเศษ)

goal_half – in which half of match goal came (ทำประตูได้ครึ่งแรกหรือครึ่งหลัง)

penalty_shootout (ข้อมูลการยิงจุดโทษ):

kick_id – this is unique ID for each penalty kick

match_no - this is the match_no which is referencing the match_no column of match_mast table

team_id – this is the ID of each team who is playing in the tournament and referencing the country_id column of soccer_country table

player_id - this is the ID of a player who is selected for the 23 men squad of a team for the tournament and which is referencing the player_id column of player_mast table

score_goal – this is the flag Y if able to score the goal or N when not

kick_no – this is the kick number for the kick of an individual match



player_booked (ข้อมูลการได้ใบเหลืองใบแดง):

match_no - this is the match_no which is referencing the match_no column of match_mast table

team_id – this is the ID of each team who are playing in the tournament and referencing the country_id column of soccer_country table

player_id - this is the ID of a player who is selected for the 23 men squad of a team for the tournament and which is referencing the player_id column of player_mast table

booking_time – this is the time when a player booked

sent_off – this is the flag Y when a player sent off

play_schedule – when a player booked, is it in normal play session indicated by NT or in stoppage time indicated by ST or in extra time indicated by ET

play_half – in which half a player booked



player_in_out (ข้อมูลการเปลี่ยนตัวผู้เล่น):

match_no - this is the match_no which is referencing the match_no column of match_mast table

team_id – this is the ID of each team who are playing in the tournament and referencing the country_id column of soccer_country table

player_id - this is the ID of a player who is selected for the 23 men squad of a team for the tournament and which is referencing the player_id column of player_mast table

in_out – this is the flag I when a player came into the field or O when go out from the field

time_in_out – when a player come into the field or go out from the field

play_schedule – when a player come in or go out of the field, is it in normal play session indicated by NT or in stoppage time indicated by ST or in extra time indicated by ET

play_half - in which half a player come in or go out



match_captain:

match_no - this is the match_no which is referencing the match_no column of match_mast table

team_id – this is the ID of each team who are playing in the tournament and referencing the country_id column of soccer_country table

player_captain - the player who represents as a captain for a team, is referencing the player_id column of player_mast table

team_coaches:

team_id – this is the ID of a team who is playing in the tournament and referencing the country_id column of soccer_country table

coach_id – a team may be one or more coaches, this indicates the coach(s) who is/are coaching the team is referencing the coach_id column of coach_mast table



penalty_gk (ผู้รักษาประตูตอonyิงจุดโทษ):

match_no - this is the match_no which is referencing the match_no column of match_mast table

team_id – this is the ID of each team who are playing in the tournament and referencing the country_id column of soccer_country table

player_gk - the player who kept goal at the time of penalty shootout, is referencing the player_id column of player_mast table