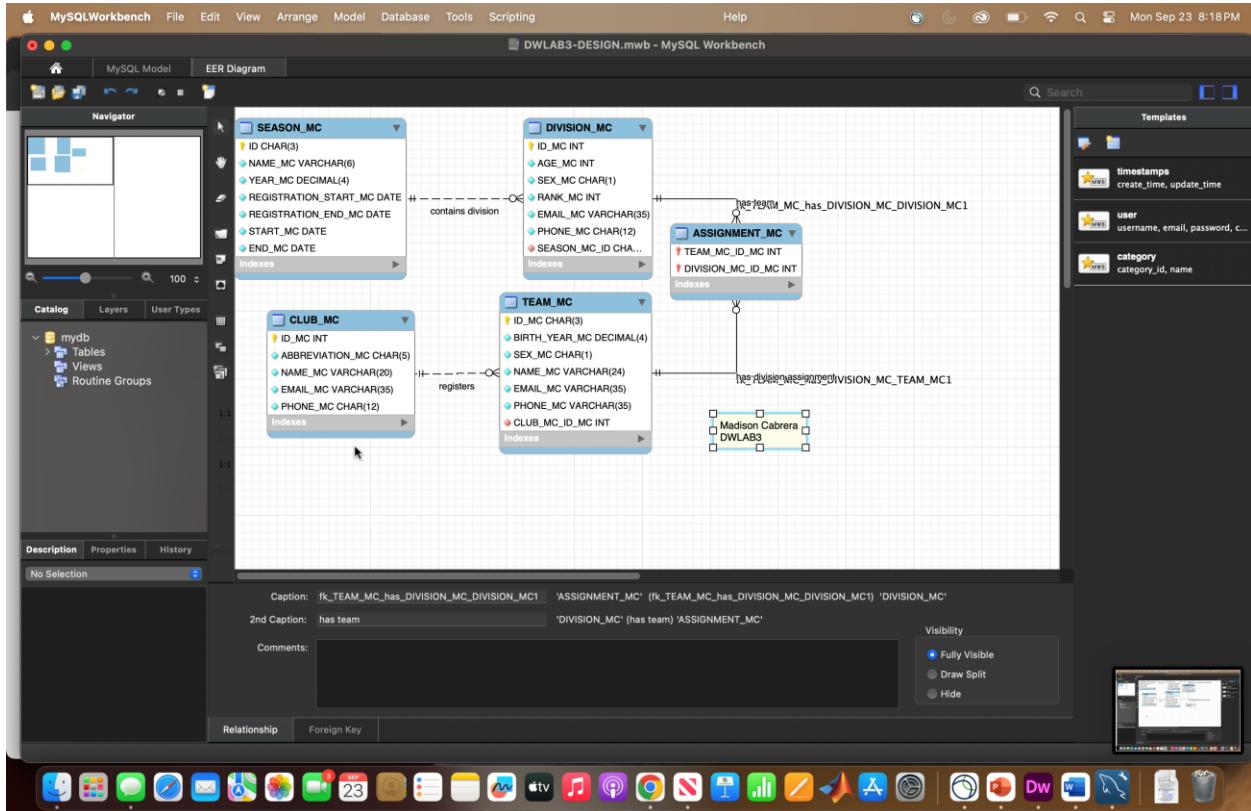Madison Cabrera

IT-214-006

"Youth Soccer League"

This database is made to describe the relationships between divisions, teams, clubs, and seasons with a youth soccer league. The end goal of this database is to hold the necessary data for a league to store data from each season and differentiate it.

DWLAB3-DESIGN.mwb - MySQL Workbench

MySQL Model   EER Diagram

Navigator

Search

Templates

100

Catalog   Layers   User Types

timestamp
create_time, update_time

mydb
> Tables
  Views
  Routine Groups

user
username, email, password, c...

category
category_id, name

Description   Properties   History

SEASON_MC: Table

SEASON_MC
ID CHAR(3)
NAME_MC VARCHAR(6)
YEAR_MC DECIMAL(4)

DIVISION_MC
ID_MC INT
AGE_MC INT
SEX_MC CHAR(1)

Relationship   text1 - Note   SEASON_MC - Table

Name: SEASON_MC   Schema: mydb

Column	Datatype	PK	NN	UQ	B...	UN	ZF	AI	G	Default / Expression
ID	CHAR(3)	☑	☑	☑	☐	☐	☐	☐	☐	
NAME_MC	VARCHAR(6)	☐	☑	☐	☐	☐	☐	☐	☐	
YEAR_MC	DECIMAL(4)	☐	☑	☐	☐	☐	☐	☐	☐	
REGISTRATIO...	DATE	☐	☑	☑	☐	☐	☐	☐	☐	
REGISTRATIO...	DATE	☐	☑	☑	☐	☐	☐	☐	☐	
START_MC	DATE	☐	☑	☑	☐	☐	☐	☐	☐	
END_MC	DATE	☐	☑	☑	☐	☐	☐	☐	☐	
<click to edit>		☐	☐	☐	☐	☐	☐	☐	☐	

Column details 'ID'

Column Name: ID   Datatype: CHAR(3)
Charset/Collation: Default Charset   Default Collation   Default
Comments: Storage: ○ VIRTUAL   ○ STORED
                                              ☑ Not NULL
                                              ☑ Primary Key   ☑ Unique
                                              ☐ Binary   ☐ Unsigned   ☐ ZeroFill
                                              ☐ Auto Increment   ☐ Generated

Columns   Indexes   Foreign Keys   Triggers   Partitioning   Options   Inserts   Privileges

---

DIVISION_MC: Table

SEASON_MC
ID CHAR(3)
NAME_MC VARCHAR(6)
YEAR_MC DECIMAL(4)

DIVISION_MC
ID_MC INT
AGE_MC INT
SEX_MC CHAR(1)

Relationship   text1 - Note   DIVISION_MC - Table

Name: DIVISION_MC   Schema: mydb

Column	Datatype	PK	NN	UQ	B...	UN	ZF	AI	G	Default / Expression
ID_MC	INT	☑	☑	☑	☐	☐	☐	☐	☐	
AGE_MC	INT	☐	☑	☐	☐	☐	☐	☐	☐	
SEX_MC	CHAR(1)	☐	☑	☐	☐	☐	☐	☐	☐	
RANK_MC	INT	☐	☑	☐	☐	☐	☐	☐	☐	
EMAIL_MC	VARCHAR(35)	☐	☑	☐	☐	☐	☐	☐	☐	
PHONE_MC	CHAR(12)	☐	☑	☐	☐	☐	☐	☐	☐	
SEASON_MC...	CHAR(3)	☐	☑	☐	☐	☐	☐	☐	☐	
<click to edit>		☐	☐	☐	☐	☐	☐	☐	☐	

Column details 'ID_MC'

Column Name: ID_MC   Datatype: INT
Charset/Collation: Default Charset   Default Collation   Default
Comments: Storage: ○ VIRTUAL   ○ STORED
                                              ☑ Not NULL
                                              ☑ Primary Key   ☑ Unique
                                              ☐ Binary   ☐ Unsigned   ☐ ZeroFill
                                              ☐ Auto Increment   ☐ Generated

Columns   Indexes   Foreign Keys   Triggers   Partitioning   Options   Inserts   Privileges

Top screenshot — MySQL Workbench (Mon Sep 23 8:23 PM)

MySQLWorkbench File Edit View Arrange Model Database Tools Scripting Help

DWLAB3-DESIGN.mwb - MySQL Workbench

MySQL Model   EER Diagram

START_MC DATE
END_MC DATE
dexes

PHONE_MC CHAR(12)
SEASON_MC_ID CHA...
Indexes

ASSIGNMENT_MC ▼
TEAM_MC_ID_MC INT
DIVISION_MC_ID_MC INT
Indexes

Relationship | text1 - Note | ASSIGNMENT_MC - Table

Name: ASSIGNMENT_MC   Schema: mydb

Column	Datatype	PK	NN	UQ	B...	UN	ZF	AI	G	Default / Expression
TEAM_MC_ID...	INT	✓	✓							
DIVISION_MC...	INT	✓	✓							
<click to edit>										

Column details 'TEAM_MC_ID_MC'

Column Name: TEAM_MC_ID_MC   Datatype: INT
Charset/Collation: Default Charset / Default Collation   Default:
Comments:

Storage: ○ VIRTUAL   ○ STORED
☑ Primary Key   ☑ Not NULL   ☐ Unique
☐ Binary   ☐ Unsigned   ☐ ZeroFill
☐ Auto Increment   ☐ Generated

Columns | Indexes | Foreign Keys | Triggers | Partitioning | Options | Inserts | Privileges

Templates
timestamps — create_time, update_time
user — username, email, password, c...
category — category_id, name

Catalog | Layers | User Types
mydb
  Tables
  Views
  Routine Groups

Description | Properties | History
ASSIGNMENT_MC: Table

Bottom screenshot — MySQL Workbench (Mon Sep 23 8:22 PM)

MySQLWorkbench File Edit View Arrange Model Database Tools Scripting Help

DWLAB3-DESIGN.mwb - MySQL Workbench

MySQL Model   EER Diagram

NAME_MC VARCHAR(20)
EMAIL_MC VARCHAR(35)
PHONE_MC CHAR(12)
Indexes

registers

NAME_MC VARCHAR(24)
EMAIL_MC VARCHAR(35)
PHONE_MC VARCHAR(35)
CLUB_MC_ID_MC INT
Indexes

has division assignment DIVISION_MC_TEAM_MC1

Madison Cabrera
DWLAB3

Relationship | text1 - Note | CLUB_MC - Table

Name: CLUB_MC   Schema: mydb

Column	Datatype	PK	NN	UQ	B...	UN	ZF	AI	G	Default / Expression
ID_MC	INT	✓	✓	✓						
ABBREVIATIO...	CHAR(5)		✓	✓						
NAME_MC	VARCHAR(20)		✓							
EMAIL_MC	VARCHAR(35)		✓							

Column details 'ID_MC'

Column Name: ID_MC   Datatype: INT
Charset/Collation: Default Charset / Default Collation   Default:
Comments:

Storage: ○ VIRTUAL   ○ STORED
☑ Primary Key   ☑ Not NULL   ☑ Unique
☐ Binary   ☐ Unsigned   ☐ ZeroFill
☐ Auto Increment   ☐ Generated

Columns | Indexes | Foreign Keys | Triggers | Partitioning | Options | Inserts | Privileges

Templates
timestamps — create_time, update_time
user — username, email, password, c...
category — category_id, name

Catalog | Layers | User Types
mydb
  Tables
  Views
  Routine Groups

Description | Properties | History
CLUB_MC: Table